

20010131.qrp v02\_n084.qrl.20010131

Date: Wed, 31 Jan 2001 19:03:14 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 2084

## QRP-L Digest 2084

Topics covered in this issue include:

- 1) [90217] Elmering  
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
- 2) [90218] OT: Behind schedule on scoring sites  
by John Wagner <john@neknetwork.com>
- 3) [90219] Need alternate source for Yaesu FT-847 filters  
by K1DXradio@aol.com
- 4) [90220] re: pic programming (?)  
by Duffer <hduff@ica.net>
- 5) [90221] Follow-up re: Help Help  
by "Donny Sirait" <dsirait@centrin.net.id>
- 6) [90222] FOX Tom's Loud  
by "Karl F. Larsen" <k5di@zianet.com>
- 7) [90223] FS: Various Items  
by "John Burnley" <burnleyia@home.com>
- 8) [90224] Re: FOX Tom's Loud  
by Paul Womble <pwomble1@tampabay.rr.com>
- 9) [90225] FOX LOG  
by Dan Wolfe <n4roa@mounet.com>
- 10) [90226] New Articles, Pictures and User Comments on Elecraft page  
by Eric Swartz WA6HHQ - Elecraft <eric@elecraft.com>
- 11) [90227] Re: FOX Tom's Loud  
by "George, W5YR" <w5yr@att.net>
- 12) [90228] My My (RE: Rainbow etc)  
by "Doug Hauff" <slmachco@fix.net>
- 13) [90229] Re: Help help confrimation at last  
by "Donny Sirait" <dsirait@centrin.net.id>
- 14) [90230] fs redhot 20 norcal  
by Gsdavis7070@cs.com
- 15) [90231] Tues Fox  
by w2xn@juno.com
- 16) [90232] Re: My My (RE: Rainbow etc)  
by "Trevor Jacobs" <fxtech@earthlink.net>
- 17) [90233] Re: Found the source of the Stockton meter/Power meter/SWR  
by "Mike Branca" <w3irz@att.net>
- 18) [90234] ATTENTION WARBLER RUN 3 - UPDATE  
by "Joe Everhart" <n2cx@voicenet.com>
- 19) [90235] Re: FOX Tom's Loud

- by "Brian Murrey" <bmurrey@amexol.net>
- 20) [90236] FS - QRP xcvrs 20m and 40m  
by Pat Byers <pbyers@rttinc.com>
- 21) [90237] Elecraft Owners - Dayton QSL Display  
by "Steve Thompson" <steve@xcvr.com>
- 22) [90238] Re: "Homebrew" Key/Keyer Construction Enquiry...!  
by Bill Stietenroth <k5zty@juno.com>
- 23) [90239] FS - QRP xcvrs 20m and 40m  
by Pat Byers <pbyers@rttinc.com>
- 24) [90240] Fox: Fox #30 Log... First Pass  
by Thomas Jennings <jennings@eznet.net>
- 25) [90241] Thaks for Help  
by "Kevin Nathan" <k7rx@uswest.net>
- 26) [90242] Re: FOX Tom's Loud  
by Bryn Joynes <bryn@pcpractice.com>
- 27) [90243] Re: FOX Tom's Loud  
by "George, W5YR" <w5yr@att.net>
- 28) [90244] Re: ADE-1 mixer in the 4017 Transverter  
by james-rhonda@juno.com
- 29) [90245] Re: "Homebrew" Key/Keyer Constr. Enq...  
by Harris Keith E CONT CNIN <harris\_k@crane.navy.mil>
- 30) [90246] Ten Tec Argo fix  
by "Karl F. Larsen" <k5di@zianet.com>
- 31) [90247] Re: FOX Tom's Loud  
by "Karl F. Larsen" <k5di@zianet.com>
- 32) [90248] QRP Quarterly  
by "Francis Callahan" <colcal@srv.net>
- 33) [90249] Re: "Homebrew" Key/Keyer Construction Enquiry...!  
by Joseph I Pirkle <ad4ih@juno.com>
- 34) [90250] Re: "Homebrew" Key/Keyer Constr. Enq...  
by Jeff Dairiki <dairiki@dairiki.org>
- 35) [90251] Re: FYOB  
by "Bob Hightower" <nk7m@extremezone.com>
- 36) [90252] Orlando Hamvention  
by Henry Freedenberg <henryf@quartz.gly.fsu.edu>
- 37) [90253] On the High side  
by "Steve/n0tu" <n0tu@webaccess.net>
- 38) [90254] Re: Orlando Hamvention  
by Joseph I Pirkle <ad4ih@juno.com>
- 39) [90255] Rainbows (long)  
by "Dave Benson" <nn1g@earthlink.net>
- 40) [90256] ZM-2 SCHEMATICS  
by Alberto <cx8at@adinet.com.uy>
- 41) [90257] Re: Help with SMK-1 small problems!  
by Mike Pupeza <mpupeza@altavista.com>
- 42) [90258] Toroid Core Color Code  
by "Acito, William" <William.Acito@brooks.com>
- 43) [90259] Re: Toroid Core Color Code

- by Chris Trask <ctrask@primenet.com>
- 44) [90260] Long Island Mercury Paddle  
by Michael Goins <mgoins@usa.net>
- 45) [90261] Re: Rainbows (long)  
by Richard Matthews <prm@hiwaay.net>
- 46) [90262] Re: Toroid Core Color Code  
by Bruce Muscolino <w6toy@erols.com>
- 47) [90263] QRPTTF: big plans in No Calif!  
by agtaylor@llnl.gov
- 48) [90264] Re: QRPTTF: big plans in No Calif!  
by Phil Wheeler <w7ox@earthlink.net>
- 49) [90265] Re: Long Island Mercury Paddle  
by "Paul Christensen" <paulc@mediaone.net>
- 50) [90266] Re: Rainbows (long)  
by Michael Bower <bowerm@ix.netcom.com>
- 51) [90267] New Web Page  
by Ed Kessler <edkess@epix.net>
- 52) [90268] Re: Toroid Core Color Code  
by "John J. McDonough" <wb8rcr@arrl.net>
- 53) [90269] Cub for 2/1?  
by Kenneth Hoglund <hoglund@wfu.edu>
- 54) [90270] QRP Forum and Elecraft at the Charlotte Hamfest  
by Rick Robinson <rerobins@email.uncc.edu>
- 55) [90271] Re: Cub for 2/1?  
by John Birkett <jbirk44@yahoo.com>
- 56) [90272] Need Assistance  
by Sskroll@aol.com
- 57) [90273] Doug Hauff  
by "Doug Hendricks" <ki6ds@dph.dpol.net>
- 58) [90274] THANKS : ZM-2 SCHEMATICS  
by Alberto <cx8at@adinet.com.uy>
- 59) [90275] Re: Rainbows (long)  
by Bruce Muscolino <w6toy@erols.com>
- 60) [90276] Re: Doug Hauff  
by "Mike =?ISO-8859-1?Q?N=D8WDM"?= <michaelbstjames@email.msn.com>
- 61) [90277] Re: Experiences with FT-817?  
by John Sundstrom <sundstrj@gvsu.edu>
- 62) [90278] FYBO plans  
by "Steven Weber" <kd1jv@moose.ncia.net>
- 63) [90279] Re: New Web Page  
by "Pastor-KC1DI" <elbc@pivot.net>
- 64) [90280] Klunky Biquad Active Bandpass Filter  
by <wd9eyb@butler.qrp.com>
- 65) [90281] component symbols in Word  
by Rick Robinson <rerobins@email.uncc.edu>
- 66) [90282] Re: "Homebrew" Key/Keyer Construction Enquiry...!  
by K2UD@aol.com
- 67) [90283] FYBO Plans

by "Karl F. Larsen" <k5di@zianet.com>  
68) [90284] QRP rig that can be controlled via serial port?  
by Jeff <fantbb@yahoo.com>  
69) [90285] Re: Doug Hauff  
by "Karl F. Larsen" <k5di@zianet.com>  
70) [90286] New QRP Rig On The Air  
by w2xn@juno.com  
71) [90287] Re: Cub for 2/1?  
by "Karl F. Larsen" <k5di@zianet.com>  
72) [90288] Re: Doug Hauff  
by Michael Bower <bowerm@ix.netcom.com>  
73) [90289] Re: Orlando Hamvention  
by "Tom" <n1tp@worldnet.att.net>  
74) [90290] Stand-off Idea  
by "Dennis Payton" <dpayton@fwi.com>  
75) [90291] Re: My My (RE: Rainbow etc)  
by SKIPNC90@aol.com  
76) [90292] Re: FYBO Plans  
by Joseph I Pirkle <ad4ih@juno.com>  
77) [90293] RE: My My (RE: Rainbow etc)  
by "Ed Tanton" <n4xy@att.net>  
78) [90294] Re: My My (RE: Rainbow etc)  
by "Mark Fancher" <mmfancher@earthlink.net>  
79) [90295] That Stockton meter thingie again  
by nilsbull@juno.com

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Date: Wed, 31 Jan 2001 11:11:06 +1100  
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>  
To: Flying Pigs <fpqrp-l@mpna.com>, "glowbugs@piobaire.mines.uidaho.edu"  
<glowbugs@piobaire.mines.uidaho.edu>,  
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [90217] Elmering  
Message-ID: <3A77581A.C14322B@integritynet.com.au>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=iso-8859-1  
Content-Transfer-Encoding: quoted-printable

Hi Folks,

I received this note back from a prospective Ham.

<snip>

Like I mentioned before, I live in Los Angeles (90007), CA. Just got here for graduate studies from India and haven't gotten around to finding out how

things work here. My MORSE is fine, but have to learn for the exams. I was wondering if I should go step-by-step (Technician -> General -> Extra) or move to General straight. So, I definitely need help with AR. That would be great, thanks. I appreciate your offer.  
</snip>

Any offers of help?

72/73's

Ian Purdie

"I believe Australia is the best address on earth"

Budgewoi N.S.W. Australia - Co-ords S33=B014', E151=B034'

My FREE Newsletter: <http://www.electronics-tutorials.com/subscribe.htm>

VK2TIP "I'll give ya the TIP mate" QRP-L #1978. SOC #171 FP#91

URL - <http://www.electronics-tutorials.com/>

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Date: Tue, 30 Jan 2001 19:28:14 -0500  
From: John Wagner <[john@neknetwork.com](mailto:john@neknetwork.com)>  
To: Low Power Amateur Radio Discussion <[qrp-l@Lehigh.EDU](mailto:qrp-l@Lehigh.EDU)>  
Subject: [90218] OT: Behind schedule on scoring sites  
Message-ID: <3A775C1E.3BC7A8CF@neknetwork.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi Folks,

I'm underwater with work and have let the Fox Cub site slip for quite a while. Don't despair; I have the logs saved up (I hope!) and will update the site this weekend. 73,

John, KB1ENS

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John Wagner - [john@neknetwork.com](mailto:john@neknetwork.com)

Web page: <http://www.neknetwork.com>

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Date: Tue, 30 Jan 2001 20:03:47 EST

From: K1DXradio@aol.com  
To: qrp-1@lehigh.edu  
Subject: [90219] Need alternate source for Yaesu FT-847 filters  
Message-ID: <f4.7004906.27a8be73@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Fellow QRP ops,  
I'm looking for a source of a cheaper SSB filter than the YF-115-S02 filter that seems to have a street price of \$159. I'd like any friendly advice you might have.  
BTW, I just completed a White Mountain 20M SSB QRP rig. It operates flawlessly. My first call on 20M netted a QSO in VA, about 550 mi away, and got a 59+ report from a Swan 700 and vertical. Not bad. I think this is going to be a fun rig.  
72 - George, K1DX

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Date: Tue, 30 Jan 2001 21:02:30 -0500  
From: Duffer <hduff@ica.net>  
To: qrp-1@lehigh.edu  
Subject: [90220] re: pic programming (?)  
Message-ID: <3A777236.B03F5839@ica.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I'm not up on PIC mnemonics as I'm more familiar with Motorola 68HC11/12 and Intel MCS-51 and derivatives.  
However, in pseudocode...I would do this:

Setup the timer to tick one of a couple of cascaded counters that you have initialized to provide you with the required amount of seconds. (i.e.; when the timer has lapsed, decrement counter1, reset timer and do it again. When counter1 reaches zero, decrement counter2 and reset counter1 and timer. When counter2 reaches zero, your countdown has been completed.) Do this all the while you poll the status of the PB switch. That way, you can bail out if the switch is released.

```
start:      assign the counter registers
            initialize timer to give you say, 1 mS ticks and decremement the
cascaded counter
            for each full lapse of the timer (this assuming that the timer
function on your PIC
```

```

        runs indepenent of the main processor)

idle:    clear the 'time expired' port pin (LED off)
        read the PB switch
            is PB pressed ?
            no, go back to idle
            yes, call delay                ; wait for a few uS
for debounce
        read the port again
        is it still pressed ?
        no, go back to idle
        yes, start the countdown by putting calculated values
into the counter registers
loop1:    is PB switch still pressed ?
        no, go back to idle                ; abort countdown....reset the timer and
wait for PB to be pressed again
        yes, decrement counter1
        counter1 = 0 ?
        no, goto loop1
        yes, decrement counter2
        is PB switch still pressed ?
            no, go back to idle                ; abort
countdown....reset the timer and wait for PB to be pressed again
        yes, check if counter2 = 0 ?
        no, go back to loop1
        yes, indicate that time has expired ; toggle a port pin
with an LED attached or whatever...
done:    goto done                        ; time is up. Loop
here until micro is reset for another countdown.

delay:    setup a delay register to give you say, 100uS of time
check:    is delay register = 0 ?
        no, do some nops to kill time then go back to check
        yes, return

```

To get the timing right, you'll need to calculate the timer value by determining the number of instruction cycles based on the clock speed that are used up. Fine tune the timer register to get a round figure for each 'tick' or elapse (i.e., 500uS <arbitrary value>) Counter1 counts the number of lapses for the timer and can be setup so that it borrows from Counter2 everytime it reaches zero. (i.e., use 200 (C8 hex) in Counter1...200 X 500uS for a total of 100mS). Counter2 decrements everytime Counter1 reaches zero and can be

calculated to give you

say, 20 seconds. (i.e., use 200 (C8 hex) in Counter2...200 X 100mS = 20 seconds).

You may need to cascade more counters as required, i.e., a third counter loaded with 30 (1E hex) for 10 seconds.

For fine tuning the counter, I often toggle a port pin after each tick (elapse) of the timer).

You can use your scope to measure the length of the timer by watching that port pin.

Hugh VA3TO

Date: Mon, 29 Jan 2001 21:49:44 -0500 (EST)

From: n2go@arrl.net

To: qrp-1@Lehigh.EDU

Subject: [90132] pic programming (?)

Message-ID: <Pine.LNX.4.21.0101292110140.267-1000000@valhalla.v>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

OK, here is the deal :)

I am fooling with a 16F84A pic programmer. I am able to countdown preset time intervals using using TMR0,PortA bit 4 pin, using the prescaler, and counter INTCNT.

This has enabled me to countdown and control/time short events from .1 to 1.5 seconds.

I have used a push button to start the countdown. The software looks for release of the push button before clearing the timer 0 and then starts the countdown. It has accounted for any debouncing needed.

What I would like to do is start the countdown with the pushbutton, but I want the countdown to continue "only" while the button is depressed. I would like to halt the countdown if the button is released before completion of the count.

(This would probably open up another problem of sequential starts on the same pushed button... maybe making it advance to zero on button release would resolve that.)



In other words if this were used to launch a rocket after a countdown... holding the button in would allow it to continue until completion. Releasing the button before "zero" would halt the countdown and reset the timer.

My problem is that I have no programming training and just the ham background in electronics. Do you think that possibly it could be accomplished with a TTL device? Flip flop or ?? I could probably look up

how the devices work if pointed in the right direction. Then I could input one of the I/O ports on the pic. Maybe it could be done mechanically with a switch or relay? If so what kind :)) I have never taken any electronics courses but I am not really afraid to open a book. I seem to have lost direction, though....I need to spark some new ideas.

Another related question. How could I use a scope to time the countdown to see how accurate it is at the shorter intervals. I could key a relay while the countdown is going on. I want to see how the software "fudge" factors are working... Looking at my watch isn't cutting it :)

73,

Jim n2go

-----  
Date: Wed, 31 Jan 2001 09:33:29 +0700  
From: "Donny Sirait" <dsirait@centrin.net.id>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [90221] Follow-up re: Help Help  
Message-ID: <001201c08b2e\$35ac1380\$39f992ca@donnysirait>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Dear Friends,

I heard from some of you that John W3IS of JWO is going out of business, however the website is still there. I made the order through the secure order form and it was accepted by the website.

I need a confrimation from John so I can make a desicion whether to order the books from other scource or continue it from him since the bank might has processed the order and charge my visa.

Any help will be very much appreciated

Sorry for the bandwidth but I have no choice, the amount of money is substansial for us here in Indonesia

Thank you for your help.

vy 72 de YB1B0D  
Donny Sirait

-----  
Date: Tue, 30 Jan 2001 19:38:29 -0700 (MST)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: <qrp-l@lehigh.edu>  
Subject: [90222] FOX Tom's Loud  
Message-ID: <Pine.LNX.4.31.0101301934530.1779-100000@cannac.ampr.org>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Well at 0200 UTC I went looking and Tom was on 7.042 with everyone calling him on frequency. I called once about 2 kc high and Tom called me right back. It worked good and even over a Mexican Phone station right on frequency. I guess Tom doesn't hear him...:-)

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

-----  
Date: Tue, 30 Jan 2001 20:41:35 -0600  
From: "John Burnley" <burnleyia@home.com>  
To: <qrp-l@lehigh.edu>  
Subject: [90223] FS: Various Items  
Message-ID: <000901c08b2f\$543d4840\$1b790818@c149552-a.west1.ia.home.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I have finally decided to face reality and give up some of the goodies that I have been hoarding for all these years. The asking prices are for what money I have in them. I offered them first on IAQRP-L. What does not sell here will be placed on Ebay.

Unbuilt NorCal QRP Club Cascade 80/20 meter  
SSB kit       \$165.00 plus shipping

Unbuilt NorCal St. Louis Tuner kit   \$80.00 plus shipping

Radio Shack Digital SWR/Power Meter MTA-20 #21-527   \$50.00 plus  
shipping

Radio Shack DSP-40 (Digital Signal Processor) #21-543  
\$50.00 plus shipping

Radio Shack hand held Frequency Counter (1 - 1300 Mhz)  
#22-305       \$50.00 plus shipping

Palomar RX Noise Bridge (cosmetically rough) \$20.00 plus shipping

72, John NU0V

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Date: Tue, 30 Jan 2001 21:45:03 -0500  
From: Paul Womble <pwomble1@tampabay.rr.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [90224] Re: FOX Tom's Loud  
Message-ID: <3A777C2F.B0ADD410@tampabay.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Tom has a good signal here in FL also.

Something I can't figure out though...when Tom asks for N1? or W0?, stations with 7's or 5's or 4's keep calling. Why is that?????

K4FB

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Date: Tue, 30 Jan 2001 21:39:33 -0500  
From: Dan Wolfe <n4roa@mounet.com>  
To: qrp-1@Lehigh.EDU  
Subject: [90225] FOX LOG  
Message-ID: <3A777AE5.6279@mounet.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Gang,

I thought this run was doomed from the very start as storms moved in just prior to "blast off" Lot of noise but it turned out much better than expected. Some were calling in the last 30 minutes that I just could not get any copy. Anyway, I had a blast. Thanks again for giving this ole Fox a run.

Here is a rough log made up from my paper scribblings. Let me know if there should be any corrections.

0200	N4SO	599	AL	KEN	5W	
0201	W5YR	559	TX	GEORGE	5W	
0203	K0EVZ	579	ND	DOC	2W	
0204	K4BYF	559	FL	JACK	5W	
0206	KC1FB	559	CT	JIM	5W	
0207	KR5C	559	TX	GEORGE	5W	
0208	AB8DF	579	MI	ED	5W	
0210	K9IUA	559	ND	KEVIN	5W	
0212	W0CH	599	MO	DAVE	500mW	
0214	W9WIS	559	WI	MIKE	5W	
0216	KB1ENS	559	VT	JOHN	2W	
0219	WA7TQK	559	ID	BILL	5W	
0220	K4FB	559	FL	PAUL	5W	
0222	N4VM	559	TN	BRYN	5W	
0227	AC5JH	559	OK	TOM	3W	
0229	W3PNL	589	PA	JOE	3W	
0231	KB3E0F	559	MD	MURPHY	5W	
0234	W2XN	599	FL	FRED	5W	
0236	AA7XA	559	MN	FRANK	5W	
0238	KJ0C	589	MO	JIM	3W	
0243	AA7EQ	559	AZ	BOB	5W	
0244	KK5LD	599	TX	DAN	5W	
0248	K5PSH	559	TX	JERRY	4W	
0249	VA6RF	579	AB	EARL	5W	
0252	VE3FAL	599	ON	FRED	5W	
0256	KA7CGI	579	OR	MIKE	5W	
0258	W9HL	559	IL	RANDY	5W	

0301 AF4LQ	579	KY	MIKE	5W	
0302 W1HUE	559	ID	LARRY		5W
0306 KD5JAM	559	TX	LEE	5W	
0307 KI0II	579	CO	RON	5W	
0309 AF4PS/M	579	FL	MAC	4W	
0310 K5DI	549	NM	KARL	5W	
0317 WU9F	559	WI	TERRY		5W
0321 N9WW	599	IL	JIM	5W	
0323 K5DW	559	TX	DON	3W	
0328 N9HWC	559	IL	TOM	5W	
0331 K5OI	559	NM	TIM	5W	
0336 KC7OQ	449	OR	GR?	5W	
0342 N0KLV	559	MN	KEVIN		5W
0352 N1ODL	559	NH	ARON	4W	
0354 WA9PWP	569	WI	PAUL	5W	
0400 N4ROA					

72..Cub Fox Dan, N4ROA

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Date: Tue, 30 Jan 2001 18:47:42 -0800  
 From: Eric Swartz WA6HHQ - Elecraft <eric@elecraft.com>  
 To: Elecraft mail list <elecraft@qth.net>, QRP-L <qrp-l@lehigh.edu>, GQRP  
 <ggrp@egroups.com>  
 Subject: [90226] New Articles, Pictures and User Comments on Elecraft page  
 Message-ID: <3A777CCE.4C174D7D@elecraft.com>  
 MIME-Version: 1.0  
 Content-Type: text/plain; charset=us-ascii  
 Content-Transfer-Encoding: 7bit

Hi,

We have just uploaded a large amount of new material to the Elecraft web page  
 at:  
<http://www.elecraft.com>

The new material includes:

1. New Picture Gallery pictures, including W6ABC on the Appalachian Trail.
2. New Articles in the 'Tech Notes' Section Including:
  - Modifying the K2 to bring out signals for digital modes. (Including a buffered, fixed audio output.) By Pauli Nunez, EA3BLQ <Featured Article>
  - Setting the K2 power control for 5w maximum. By Ingo, DK3RED. (2nd Version

also in German.)

- A Link to W3FPR's K2 Mod Articles web site, including articles on:
    - () Using a Smart Charger with the K2 Internal Battery
    - () An FT900 Knob for my K2
    - () A Switchbox for Digital Modes with Auto Compression Disable
  - Care and Feeding of Your K2 Battery. By Bob Lewis, AA4PB
  - A link to Randy Hargenrader WJ4P's 'A Practical Milliwatt Mod for the K2'
3. New K1/K2 user comments in our 'Customer Comments' section.
  4. New Spanish Translations of the K2 manuals in our 'Manual Download' section.
  5. New updates on our 'News' page.
  6. Links to the upcoming QST K1 review.

I'm sure there is more, but I want to keep this short. Please email me if you find anything in error, missing, or if I forgot to post something from you :^>

73, Eric WA6HHQ

--

<http://www.elecrafter.com>

-----

Date: Tue, 30 Jan 2001 20:48:54 -0600  
From: "George, W5YR" <w5yr@att.net>  
To: pwomble1@tampabay.rr.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [90227] Re: FOX Tom's Loud  
Message-ID: <3A777D16.1C3709@att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Because not everyone is hearing om as well as you are at that time.

Many times, I only hear the "?" at the end of an inquiry and cannot tell if the Fox is asking for a specific call or what. So, like everyone else, I usually toss out my call "just in case."

Everyone should keep in mind that the Fox can be 599 in one part of the country and barely copiable in other parts.

No one is trying to take advantage of anyone else - just doing the best

we can with what we have to work with. <:}

72/73, George W5YR - the Yellow Rose of Texas NETXQRP 6

Fairview, TX 30 mi NE Dallas in Collin county QRP-L 1373  
Amateur Radio W5YR, in the 55th year and it just keeps getting better!  
Icom IC-756 PRO #02121 (9/00) Kachina #91900556 (12/99) IC-765 (6/90)

Paul Womble wrote:

>  
> Tom has a good signal here in FL also.  
>  
> Something I can't figure out though...when Tom asks for N1? or W0?,  
> stations with 7's or 5's or 4's keep calling. Why is that?????  
>  
> K4FB

-----  
Date: Tue, 30 Jan 2001 18:58:26 -0800  
From: "Doug Hauff" <slmachco@fix.net>  
To: "<" <qrp-l@Lehigh.edu>  
Subject: [90228] My My (RE: Rainbow etc)  
Message-ID: <200101310253.SAA18329@clark.fix.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

Well now it's kinda hard to figger quite how to reply to some the outrageous things being said about myself and my business...It's certainly true that my shipping service has been at times pretty terrible...but a thief or a clown i am not...I generally ignore the type of rants leveled at me, but....I will say this, Bill Cotter complained quickly, loudly, and repeatedly, when he did not immediately receive his case, more so than anyone i have encountered in my limited bit of mail-order sales...Cotter's recent post blasting me is filled with lies and unfounded opinions...I know this: i mistakenly shipped an unused case to a ham that did not order it , (this guy does not have an NC20), and he kindly offered to forward it to Cotter as it was the very last i had(Cotter got it because he bitched and whined so much). It came back from Cotter with multiple flaws, obvious scratches where controls had been mounted...What would you think? The guy with no NC20 mounted controls in it? Or maybe someone with an NC20 did?....By the way Cotter, let me assure you I have plenty to keep me busy, i don't have a lot of time or energy to waste getting ballistic over a jerk like you...you flatter yourself...I wrapped the heck out of the FREE enclosure you scammed from me so you couldn't say it got to you damaged...Cotter you obviously have not the slightest concept of what is

involved in making something like that NC20 case, suggesting I spent more time wrapping than it would take to build one indicates the depth of your ignorance...With the amount of handling, the cost of having the enclosures made, the cost of anodizing, and the time required to engrave the panels (not to mention machining the fixtures or writing the programs), the profit was marginal...add in the cost of reject parts (mostly from anodizing flaws "it's the material" - guess who eats it?), the fasteners, and packaging and it was a loss...one of those experiments one writes off as business experience...Think about it, if it was so easy and profitable, how come there aren't lots of engraved custom enclosures available? BTW: I was never informed of the alleged scratches on the case I sent to Cotter as a replacement.

Now Mark Fancher posts a message of complaint, with the totally unfounded uncalled for suggestion that his money is gone...stolen by me..I take offense at this accusation, Mr Fancher, you are totally out of line...I have informed you several times of my situation, a new run of enclosures has been started, but has not been completed due to other obligations...you have never asked for a return, I have never refused one, to suggest that I have taken your money is a LIE....I would have been happy to send you your case when completed, but instead I am returning your check NOW, I am stopping at the post office on my way home...and by the way, i have not cashed your check, just how have you been so wronged? Get a life, twit....and I must say it is pretty chickens--t to make a post as you did without contacting me directly...almost constitutes liable, methinks...As i have posted before, i am always accessible, 805-5498065, slmachco@fix.net ...if you have a bitch, let me hear it, OK? Don't go whining in public before you have a reason...another twit...don't you people have a life? Geeezzzz...

Well i hope I haven't alienated everyone, i just don't like being trashed behind my back...and THANK YOU to those who have come to my defense(Jim)...

73,

Doug (Mr. on-time) Hauff KE6RIE

-----  
Date: Wed, 31 Jan 2001 10:03:13 +0700  
From: "Donny Sirait" <dsirait@centrin.net.id>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [90229] Re: Help help confrimation at last  
Message-ID: <002701c08b32\$5d4c96e0\$39f992ca@donnysirait>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit



Dear Friends,  
At last I got a confirmation from John.  
It seems that he is in the process of closing his  
business but I have not confirmed that yet and  
probably that must be one of the reason for the delay  
besides complying to my special request on the  
labeling of the custom duties label.  
(to put educational text books for the contents)

My humble thanks to all of you who lend a helping hand.

vy 72 de YB1B0D  
Donny

-----  
Date: Tue, 30 Jan 2001 21:59:21 EST  
From: Gsdavis7070@cs.com  
To: qrp-1@lehigh.edu  
Subject: [90230] fs redhot 20 norcal  
Message-ID: <f2.70c4317.27a8d989@cs.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Its red, its beautiful, its perfect, its loaded! 125.00 plus ship. all  
manuals and doc's.  
Gordy Nw0y

-----  
Date: Tue, 30 Jan 2001 22:28:22 -0500  
From: w2xn@juno.com  
To: qrp-1@Lehigh.EDU  
Subject: [90231] Tues Fox  
Message-ID: <20010130.222825.-827067.8.w2xn@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Tom has a good signal into FL tonight. Solid and no QSB. Sounds like he  
is doing a FB job of logging in the hounds.

Thanks Tom for the pelt, FB job on your end.

Fred W2XN      w2xn@arrl.net  
ARRL, ARES, Skywarn #POL-007, V E;  
QRP: AR #233, QRP-L #1728, NJ #197, Zombie #709, FP #126

=====

-----  
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<http://dl.www.juno.com/get/tagj>.

-----  
Date: Tue, 30 Jan 2001 19:32:41 -0800

From: "Trevor Jacobs" <fxtech@earthlink.net>

To: <slmachco@fix.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [90232] Re: My My (RE: Rainbow etc)

Message-ID: <002e01c08b36\$78aef280\$82a1b2d1@tjacobs>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I have to say that I was pretty floored when I read the e-mails in this thread. Lot's of pretty strong accusations going around. I've never worked with Doug before, but he's got a pretty excellent reputation for doing metal fabrication work. One thing I can add, is that I've had to wait up to 10 weeks to get parts back from an anodizer before, and this is pretty common, especially if you're trying to save some dough by getting your stuff done with another run. Also guys, keep in mind that guys like Doug do this in their spare time, to benefit the hobby. It's not a full time business for many of them. If we go off on guys like Doug that are trying to help us out, I think that you'll find a lot less help available for future projects. Heck I'll give you an example. Dave Benson advertised that he was going to put together 100 of the DSW kits and that this would be the final run due to a lack of one vital component. Well, 100 of us got in there and bought the kits. Lot's of us are still waiting since October, but Dave runs a small company and is doing his best to get the kits out as fast as he can. Now, you don't see anyone complaining about it do you??? Of course not, because we understand, and yes I'm patiently waiting for mine. Dave can take all the time he needs, because I know he's a busy guy with a real job to contend with as well. I'm just happy to have companies like Small Wonder Labs, Elecraft, Oak Hills Research, Red Hot Radio, S & S Engineering and so on that still provide great kits. We're lucky to have these folks around who are willing to help out. Ok, I'm done...

73

Trev

KG6CYN

----- Original Message -----

From: Doug Hauff <slmachco@fix.net>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Sent: Tuesday, January 30, 2001 6:58 PM

Subject: My My (RE: Rainbow etc)

> Well now it's kinda hard to figger quite how to reply to some the  
> outrageous things being said about myself and my business...It's certainly  
> true that my shipping service has been at times pretty terrible...but a  
> thief or a clown i am not...I generally ignore the type of rants leveled  
at

> me, but....I will say this, Bill Cotter complained quickly, loudly, and  
> repeatedly, when he did not immediately receive his case, more so than  
> anyone i have encountered in my limited bit of mail-order sales...Cotter's  
> recent post blasting me is filled with lies and unfounded opinions...I  
know

> this: i mistakenly shipped an unused case to a ham that did not order it ,  
> (this guy does not have an NC20), and he kindly offered to forward it to  
> Cotter as it was the very last i had(Cotter got it because he bitched and  
> whined so much). It came back from Cotter with multiple flaws, obvious  
> scratches where controls had been mounted...What would you think? The guy  
> with no NC20 mounted controls in it? Or maybe someone with an NC20  
> did?....By the way Cotter, let me assure you I have plenty to keep me  
busy,

> i don't have a lot of time or energy to waste getting ballistic over a  
jerk

> like you...you flatter yourself...I wrapped the heck out of the FREE  
> enclosure you scammed from me so you couldn't say it got to you  
> damaged...Cotter you obviously have not the slightest concept of what is  
> involved in making something like that NC20 case, suggesting I spent more  
> time wrapping than it would take to build one indicates the depth of your  
> ignorance...With the amount of handling, the cost of having the enclosures  
> made, the cost of anodizing, and the time required to engrave the panels  
> (not to mention machining the fixtures or writing the programs), the  
profit

> was marginal...add in the cost of reject parts (mostly from anodizing  
flaws

> "it's the material" - guess who eats it?), the fasteners, and packaging  
and

> it was a loss...one of those experiments one writes off as business  
> experience...Think about it, if it was so easy and profitable, how come  
> there aren't lots of engravd custom enclosures available? BTW: I was  
never

> informed of the alleged scratches on the case I sent to Cotter as a  
> replacement.

>

> Now Mark Fancher posts a mesage of complaint, with the totally unfounded

> uncalled for suggestion that his money is gone...stolen by me..I take  
> offense at this accusation, Mr Fancher, you are totally out of line...I  
> have informed you several times of my situation, a new run of enclosures  
> has been started, but has not been completed due to other  
> obligatiions...you have never asked for a return, I have never refused  
one,  
> to suggest that I have taken your money is a LIE....I would have been  
happy  
> to send you your case when completed, but instead I am returning your  
> check NOW, I am stopping at the post office on my way home...and by the  
> way, i have not cashed your check, just how have you been so wronged?  
> Get a life, twit....and I must say it is pretty chickens--t to make a post  
> as you did without contacting me directly...almost constitutes liable,  
> methinks...As i have posted before, i am always accessable, 805-5498065,  
> slmachco@fix.net ...if you have a bitch, let me hear it, OK? Don't go  
> whining in public before you have a reason...another twit...don't you  
> people have a life? Geeezzzz...  
>  
> Well i hope I haven't alienated everyone, i just don't like being trashed  
> behind my back...and THANK YOU to those who have come to my  
defense(Jim)...  
>  
> 73,  
>  
> Doug (Mr. on-time) Hauff KE6RIE  
>

-----  
Date: Tue, 30 Jan 2001 22:39:37 -0500  
From: "Mike Branca" <w3irz@att.net>  
To: <qrp-1@Lehigh.EDU>  
Subject: [90233] Re: Found the source of the Stockton meter/Power meter/SWR  
Message-ID: <03ad01c08b37\$70372c20\$a3384d0c@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Nils, when we made the NoGa Watt meter kits available last year which used the same directional coupler that Stockton used we purposely supplied two meters. If you ever band hop a lot and use a tuner then you can appreciate not having to throw one more switch in the process. Also there are some positions of adjustment in most tuners where there is no reflected as well as no forward power and you spot this instantly with the second meter. We believe that with meters selling for less than the price of a small toggle switch it is better to do it with two meters. Once you use two meters it is

hard to go back to one. Having done a lot of elmering I have found that it is easier to teach tuner adjustments to new hams when they can see in both directions. Anyway good luck in whichever path you choose.

Mike Branca W3IRZ in Conyers Georgia

-----  
Date: Tue, 30 Jan 2001 22:47:02 -0500  
From: "Joe Everhart" <n2cx@voicenet.com>  
To: "njqrp" <njqrp@njqrp.org>, "qrpl" <qrpl-1@lehigh.edu>  
Subject: [90234] ATTENTION WARBLER RUN 3 - UPDATE  
Message-ID: <002801c08b38\$79ca3ba0\$3e3947d1@n2cxtoy>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Group,

As you probably know by now, we got a bad batch of pc boards from our vendor and those boards were shipped in the thrid run of kits.

While we are working on a fix, we asked the run 3 purchasers to let us know if they had started to build their kits. Fortunately we got the word out early.

So far almost a dozen of you have responded and all have yet to begin building - whew!

We do need to hear from the rest of the run 3 folks whether or not they have begun building.

Please, please, if you got one of the run 3 Warblers do not begin building it just yet. Doing so will complicate our efforts to make things right.

What we will likely do is to arrange a swap of the "bad" boards for good ones - once we get some!

For those who may have been anxious and started to build before they got the word, we will make other arrangements.

And for the very hardy (or is that foolhardy <G>), we are considering a third option - describing how to use dexterity, skill and patience to use the "bad" board. This latter approach is not for the faint of heart!

We will give a further status probably tomorrow evening as we sort things out.

Thanks for all of the kind, patient folks who have expressed their support and willingness to work with us.

And a great heap of thanks to Dave, NN1G for his immediate assistance.

Joe, N2CX and George, N2APB  
for the NJQRP club

-----  
Date: Tue, 30 Jan 2001 22:47:17 -0500  
From: "Brian Murrey" <bmmurrey@amexol.net>  
To: <pwomble1@tampabay.rr.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [90235] Re: FOX Tom's Loud  
Message-ID: <000f01c08b38\$830d72e0\$9a486f40@iquest.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Paul,

Only the shadow knows!

I could not believe my luck/skill tonight. I got Tom on my second call at about 10pm.

THEN I flipped over to 30m and worked Ivan 9A1CAH on my attic dipole and 5 watt Scout. YAHOO!

Only need 92 more for DXCC

----- Original Message -----

From: "Paul Womble" <pwomble1@tampabay.rr.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Tuesday, January 30, 2001 9:45 PM  
Subject: Re: FOX Tom's Loud

> Tom has a good signal here in FL also.

>

> Something I can't figure out though...when Tom asks for N1? or W0?,

> stations with 7's or 5's or 4's keep calling. Why is that?????  
>  
> K4FB  
>  
>

-----  
Date: Tue, 30 Jan 2001 21:02:06 -0700  
From: Pat Byers <pbyers@rttinc.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [90236] FS - QRP xcvrs 20m and 40m  
Message-ID: <5.0.2.1.2.20010130202818.00a48ec0@pop3.norton.antivirus>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Like so many others on the list, I've also been cleaning my shack. A couple of radios I hardly ever use are begging to go to new homes. Price is \$65.00 each ppd.

MFJ 9020

Frequency coverage 14.000MHz ~ 14.075 MHz  
4W out adjustable to QRPp levels (Will actually do better but without a spectrum analyzer I wouldn't push it. It's way too easy to overdrive the NE602 tx mixer.)  
Optional CW filter installed  
Solid enclosure with built-in speaker  
Real tuning capacitor with vernier drive  
AGC

I've done three mods to this radio:

1. Installed Ten Tec audio amp to improve speaker volume. (These radios have notoriously low audio output. The Ten Tec amp makes the built-in speaker useable.)
2. Changed the R-C constant in the AGC for faster response. (For those who don't know these radios, the default AGC time constant is way too long. After static crashes, it seems to take forever to recover.)
3. Added a single FET amp between the crystal filter and MC1350 IF amp to provide better matching. (Mine is an early model 9020. Current models have this already.)

Manual and three issues of MFJ 90's Newsletter published by Paul Harden NA5N included.

For a description and specs, see <http://www.mfjenterprises.com/index.htm>

Emtech NW40

Covers a huge chunk of the 40m band (up to around 7.2 MHz.  
More than 5W output; adjustable to QRP levels.  
Variable bandwidth IF filter; can be set to wide position to listen to SSB.  
Optional narrow bandwidth AF filter installed.  
Real tuning capacitor with vernier drive.  
Installed in a neat little Radio Shack enclosure with grey front and rear panels and black wrinkle finish on the top piece.  
Built by me.

Manual included.

For a description and specs, see <http://emtech.steadynet.com/>

73,

Pat Byers VE6AAN

-----  
Date: Tue, 30 Jan 2001 21:15:05 -0700  
From: "Steve Thompson" <steve@xcvr.com>  
To: <elecraft@qth.net>  
Cc: <azqrp@extremezone.com>, <qrp-1@lehigh.edu>  
Subject: [90237] Elecraft Owners - Dayton QSL Display  
Message-ID: <009101c08b3c\$675caf80\$a0c5e1d0@n7tx>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Fellow QRP Enthusiasts:

In following tradition established by Bob, W3BB0, Elecraft will once again have its QSL Card Display at Dayton this year. Here's an opportunity to show off your QSL card, and show everyone you're an Elecraft enthusiast! Cards will be prominently displayed on the walls of the Elecraft booth at this year's Dayton Hamvention.

I have been officially blessed with the responsibility of collecting and delivering the cards. If you're interested in including \*yours\*, send it to:

Steve Thompson - N7TX  
3758 E. Cullumber St.



Gilbert, AZ 85234-4319

Be sure to put your K1 and/or K2 serial numbers on the front of the card,  
and become part of the display of worldwide Elecraft enthusiasts!

73,

Steve - N7TX  
steve@xcvr.com

-----  
Date: Tue, 30 Jan 2001 18:56:39 -0600  
From: Bill Stietenroth <k5zty@juno.com>  
To: GM0NWI@btinternet.com  
Cc: qrp-1@Lehigh.EDU  
Subject: [90238] Re: "Homebrew" Key/Keyer Construction Enquiry...!  
Message-ID: <20010130.223111.-4009739.0.k5zty@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Andy,

There is a commercially made iambic key called the Bulldog BD1 that is very small and has a pretty good feel to it. It is made from one of those bulldog type office paper clips. It sells for about \$25 US. It is mounted on a small triangle of wood with little suction cups on the bottom to stick it to the surface that you are working on. However, the little suction cups don't work at all so they need to be replaced by something that will hold them in place. This would be perfect for mounting inside your tin, then the tin could be secured however you wished for portable operation.

This key is available from: AmateurRadioProducts.com and they can be telephoned at  
877-2278-9139

Bill, K5ZTY  
Houston, TX

-----  
Date: Tue, 30 Jan 2001 22:13:21 -0700  
From: Pat Byers <pbyers@rttinc.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [90239] FS - QRP xcvrs 20m and 40m  
Message-ID: <5.0.2.1.2.20010130221203.00a583e0@pop3.norton.antivirus>

Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Wow! that was fast. Both radios are spoken for.

Watch this space for more stuff in the near future. <g>

73,

Pat Byers VE6AAN

-----  
Date: Wed, 31 Jan 2001 00:10:19 -0500  
From: Thomas Jennings <jennings@eznet.net>  
To: qrp-1@lehigh.edu  
Subject: [90240] Fox: Fox #30 Log... First Pass  
Message-ID: <3A779E3B.E0A71AB9@eznet.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi y'll hounds!

Thanks for an intense and fun 2 hours. You were all well behaved. As usual the last hour the pack thinned out. Everybody was getting very weak and hard to copy.

I worked 88 hounds but there are a few dups which i haven't identified yet and a few missing names.

73,

Tom, kv2x

Here is the first pass of the log:

UTC	CALL	RST	STATE	NAME	POWER
2100	W0PWE	599	IA	JERRY	5W
2102	N4ROA	559	VA	DAN	4W
2103	K50I	559	NM	KEN	5W
2105	WA9TZE	559	WI	JIM	5W
2106	K5ZTK	559	TX	BILL	5W
2108	WE9K	599	WI	GLENN	5W
2109	K5AAR	559	OK	DON	5W
2110	N1LN	559	TX	BRUCE	5W
2111	N0UR	559	MN	JIM	5W
2112	W9XU	559	WI	RON	5W
2113	W5HNS	559	TX	HENRY	5W
2114	N5ET	559	TX	BOB	5W
2115	K0MP	559	CO	BILL	5W
2116	K4GT	559	GA	JIM	5W

2117	N9AW	559	WI	JERRY	5W
2118	AA0ZZ	579	MN	CRAIG	5W
2119	K0EVZ	559	ND	DOC	2W
2120	N1FN	559	CO	ET	5W
2121	VE3FAL	569	ONT	FRED	5W
2123	N4N00	559	AL		5W
2123	N2WW	559	CO	LARRY	5W
2124	W5YR	559	TX	GEORGE	5W
2125	N5TW	599	TX	TOM	5W
2126	K4FB	559	FL	PAUL	5W
2127	N5UW	559	OK	CLIFF	5W
2128	KK5LD	559	TX	DAN	5W
2129	K9FRP	579	CO	AL	5W
2131	W5TB	559	VA		5W
2133	N5IW	599	TX	DAVE	5W
2134	NV4V	569	KY	PETE	5W
2135	K6VNX	559	CA	ARLENE	5W
2136	WS4S	599	TN	CONARD	5W
3138	K5VUU	559	TX	ED	5W
2139	W0CH	559	MO	DAVE	5W
2140	K4BYF	559	FL	JACK	5W
2141	KB9BVN	559	IN	BRIAN	5W
2142	K5LN	559	TX	BILL	5W
2143	K0FRP	579	CO	AL	5W
2146	WA50JE	559	TX	DANNY	5W
2147	VA6RF	559	AB	AL	5W
2149	KE0II	559	CO	RON	5W
2150	KF0N	569	IA	LARRY	5W
2152	W0UFO	559	MN	MERT	5W
2153	N0TVF	559	CO	STEVE	5W
2154	WU9F	559	WI	TERRY	5W
2155	N5GLQ	559	LA	MIKE	5W
2158	VE5RC	339	SK	BRUCE	5W
2159	N0IT	559	MO	DAVE	5W
2200	K7RE	579	AZ	BRIAN	5W
2201	W2XN	559	FL	ED	5W
2202	AA7RQ	559	AZ	BOB	5W
2203	K5OI	559	NM	TIM	5W
2205	NQ7X	559	FL	FLOYD	5W
2206	NK7M	559	AZ	BOB	5W
2207	N1TP	579	FL	TOM	5W
2208	W5TB	559	TX	DOC	5W
2210	K5DW	559	TX	DON	5W
2211	W0RSP	569	SD	ADE	1W
2212	N5II	559	TX	RICH	5W
2213	K5HL	449	AL	ANDY	5W
2214	AE9K	559	WI	BRIAN	5W
2216	WA7TQK	559	ID	BILL	5W

2217	N6XG	559	CA	WALT	5W
2221	W5USJ	559	TX	CHUCK	4W
2222	K4BYF	559	FL	JACK	4W
2226	N1YXU	559	TX	LAURIE	1W
2227	KR5C	559	TX	GEORGE	5W
2228	N5WL	559	OK	BART	5W
2231	K6VLX	559	CA	DON	5W
2232	AC5JH	559	OK	TOM	5W
2234	KQ5U	559	TX	LARRY	5W
2239	W0YWD	559	MT		5W
2241	K9IUA	349	ND	KEVIN	5W
2242	K10C	559	MO	JIM	5W
2243	K7XA	559	OR	FRANK	5W
2244	N5EN	559	TX		5W
2246	W5SB	559	TX	BILL	5W
2247	NF0R	549	MO	DAVE	4W
2248	K7FD	559	OR	JOHN	5W
2249	K5JHP	559	TX	BILL	5W
2251	W7AGK	559	AZ	DAVE	5W
2252	K5ZTY	559	TX	BILL	5W
2253	AB0CD	559	CO	DICK	5W
2254	AF10J	559	TX	OJ	5W
2255	KK5LD	559	TX	DAN	5W
2258	N0HRL	559	MN	KEN	5W
2259	N4VM	559	TN	BRYG	5W

-----

Date: Tue, 30 Jan 2001 22:29:44 -0700  
 From: "Kevin Nathan" <k7rx@uswest.net>  
 To: <qrp-1@lehigh.edu>  
 Subject: [90241] Thaks for Help  
 Message-ID: <003901c08b46\$d1f2dd60\$0300000a@uswest.net>  
 MIME-Version: 1.0  
 Content-Type: text/plain;  
     charset="iso-8859-1"  
 Content-Transfer-Encoding: 7bit

Hi All,

I want to thank all of you who sent me info on the whips. I got the Radio shack 1408 and am in the process of finishing a portable vertical antenna which is base loaded and breaks down into a small enough size to fit in a suitcase or briefcase. I should have it finished and be testing it this weekend. I'll let you all know how it works.

Again, thanks much and 72.  
 Kevin, K7RX

-----  
Date: Tue, 30 Jan 2001 23:42:02 -0600  
From: Bryn Joynes <bryn@pcpractice.com>  
To: unlisted-recipients;; (no To-header on input)  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>, jennings@eznet.net  
Subject: [90242] Re: FOX Tom's Loud  
Message-ID: <3A77A5AA.2A225518@pcpractice.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I think I got Tom, but I might have to change my name to "Slow Hand Bryn", as my CW sending was poor and I'm pushing my luck at the speed the Foxes generally run at, but I'm trying. Some of the foxes might say very "trying", if you could hear what they have to hear you would understand. I'm working on getting my code back up to 20WPM.

So a big sorry to all the other hounds who might have been more deserving, or the ones who missed the dead line because of my mistakes and slow sending. Also a big thank you to the foxes for taking the time to work me.

Best Regards

Bryn, "Slow Hand Bryn"  
N4VM

-----  
Date: Tue, 30 Jan 2001 23:53:17 -0600  
From: "George, W5YR" <w5yr@att.net>  
To: bryn@pcpractice.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [90243] Re: FOX Tom's Loud  
Message-ID: <3A77A84D.B31B196F@att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Bryn, your call came from the same FCC as mine did, so I figure you have as much right to be in the Fox Hunt as I or anyone else.

You hang in there and don't worry about your signal or your fist. You

are doing one of the best things you could be doing to improve both your fist and your skills. I don't recall hearing you, but Tom was looking for business at the end of the Hunt, so I doubt very much that you deprived anyone of a pelt.

Hope to hear you many times in future Hunts!

72/73, George W5YR - the Yellow Rose of Texas NETXQRP 6

Fairview, TX 30 mi NE Dallas in Collin county QRP-L 1373  
Amateur Radio W5YR, in the 55th year and it just keeps getting better!  
Icom IC-756 PRO #02121 (9/00) Kachina #91900556 (12/99) IC-765 (6/90)

Bryn Joynes wrote:

>  
> I think I got Tom, but I might have to change my name to "Slow Hand  
> Bryn", as my CW sending was poor and I'm pushing my luck at the speed  
> the Foxes generally run at, but I trying. Some of the foxes might say  
> very "trying", if you could hear what they have to hear you would  
> understand. I'm working on getting my code back up to 20WPM.  
>  
> So a big sorry to all the other hounds who might have been more  
> deserving, or the ones who missed the dead line because of my mistakes  
> and slow sending. Also a big thank you to the foxes for taking the time  
> to work me.  
>  
> Best Regards  
>  
> Bryn, "Slow Hand Bryn"  
> N4VM

-----  
Date: Wed, 31 Jan 2001 04:59:41 -0600  
From: james-rhonda@juno.com  
To: hubby2k@hotmail.com  
Cc: qrp-l@Lehigh.EDU  
Subject: [90244] Re: ADE-1 mixer in the 4017 Transverter  
Message-ID: <20010131.045942.-247927.4.james-rhonda@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Thanks for the clarification on the ADE-1 mixer. I also had the chip wired in the same way as Mike. I may of never figured out what I had done wrong. Great communication!  
James Wayne Rue

KC5HAC

> The Handy Guide to  
> Mixers  
> says pins 1,2 and 5 are ground, 3 is RF in, 6 is local osc in, and 4  
> is IF  
> out.  
> 73 - Mike WA8BXN

Mike (and others),  
The "pin-out" of the ADE-1 looks like this.  
The "X" shows the blue dot.

```

                ADE-1
                *****
Pin ---> (GND) 1 =*X      *= 6 (LO) <--- Pin
                *        *
                (IF) 2 =*      *= 5 (GND)
                *        *
                (RF) 3 =*      *= 4 (GND)
                *****
```

72, Paul NA5N

---

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<http://dl.www.juno.com/get/tagj>.

---

Date: Wed, 31 Jan 2001 07:45:45 -0500  
From: Harris Keith E CONT CNIN <harris\_k@crane.navy.mil>  
To: "'qrp-1@lehigh.edu'" <qrp-1@lehigh.edu>  
Subject: [90245] Re: "Homebrew" Key/Keyer Constr. Enq...  
Message-ID:  
<4F76B3D4A76AD111803B00A0C9893D9C06ED8CE8@cninexchsrv05.crane.navy.mil>  
MIME-Version: 1.0  
Content-Type: text/plain

I'll second the recommendation of the Bulldog Key. They also have one with a magnet for the base at a cost of \$29.95. They say it comes with it's own protective enclosure. Not connected with the company, just a satisfied customer.

73 de N9KH

---

Date: Wed, 31 Jan 2001 06:02:34 -0700 (MST)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: <qrp-l@lehigh.edu>  
Subject: [90246] Ten Tec Argo fix  
Message-ID: <Pine.LNX.4.31.0101310536380.640-100000@cannac.ampr.org>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I hooked my com port keying circuit for the QRP-Dupe FYB0 contest to my Argo and it didn't work! Hooked it to my TS-140 and it worked. Went back to the Argo and found it worked fine below 10 wpm. Put a scope on the key lead and it looked like a 100 mfd capacitor was across the key.

There IS a 100 mfd across the key lead and ground! I think this might be a debounce circuit or something. Anyhow I found the 100 mfd cap and 27 ohm resistor on the Control board and have removed the 27 ohm resistor that disconnects the capacitor and now I can key the Argo fine with a transistor.

Put the rig back together and hooked it up to the laptop and wonder of wonders, I can key it at 40 wpm I think...way to fast for me to copy.

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

-----  
Date: Wed, 31 Jan 2001 06:14:59 -0700 (MST)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: Bryn Joynes <bryn@pcpractice.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [90247] Re: FOX Tom's Loud  
Message-ID: <Pine.LNX.4.31.0101310611240.778-100000@cannac.ampr.org>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Baloney! Bryn as a one time FOX your welcome to send at your best speed, period. If that is 10 wpm then use it. If it's 30 wpm use that but expect a request for fills from the FOX.

Good cw at 10 wpm is far better than bad cw at 20.

On Tue, 30 Jan 2001, Bryn Joynes wrote:



>  
>  
> I think I got Tom, but I might have to change my name to "Slow Hand  
> Bryn", as my CW sending was poor and I'm pushing my luck at the speed

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

-----  
Date: Wed, 31 Jan 2001 06:37:14 -0700  
From: "Francis Callahan" <colcal@srv.net>  
To: <QRP-L@Lehigh.edu>  
Subject: [90248] QRP Quarterly  
Message-ID: <000701c08b8a\$ecaecbc0\$c0dd070c@callahan>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Just recieved my QQ and what a great issue again thanks to all who give so  
freely of there time to put this mag out 72 Cal KF7ET Misplaced Vermonter in  
Idaho

-----  
Date: Wed, 31 Jan 2001 08:58:10 -0500  
From: Joseph I Pirkle <ad4ih@juno.com>  
To: k5zty@juno.com  
Cc: qrp-l@Lehigh.EDU  
Subject: [90249] Re: "Homebrew" Key/Keyer Construction Enquiry...!  
Message-ID: <20010131.085811.-3918441.1.ad4ih@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I have the Bulldog and it is surprisingly smooth to operate once you get  
it adjuisted to your "feel". Some may consider it just a novelty, but I  
like it. Just suits my DSW40 and MFJ9030.

No affiliation with the manufacturers of the aforementioned products.

72/73,  
Joe Pirkle, AD4IH,

QRP-L #2236  
ad4ih@arrl.net / ad4ih@juno.com

-----  
Date: Wed, 31 Jan 2001 06:28:48 -0800  
From: Jeff Dairiki <dairiki@dairiki.org>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [90250] Re: "Homebrew" Key/Keyer Constr. Enq...  
Message-ID: <200101311428.f0VESmp10947@matthews.dairiki.org>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

In message <4F76B3D4A76AD111803B00A0C9893D9C06ED8CE8@cninexchsrv05.crane.navy.mil>, Harris Keith E CONT CNIN writes:

>I'll second the recommendation of the Bulldog Key. They also have one with  
>a magnet for the base at a cost of \$29.95. They say it comes with it's own  
>protective enclosure. Not connected with the company, just a satisfied  
>customer.

Me too, I have one, I'm not connected with the company. It works fine.  
(I wish I had thought of it.)

To give you an idea of the size of the small version,  
the "protective enclosure" mentioned above is a ("child-proof")  
pill bottle. It fits fine, key, base, mini phone plug, cable and all.

72 de KI6MO, Jeff

-----  
Date: Wed, 31 Jan 2001 07:46:13 -0700  
From: "Bob Hightower" <nk7m@extremezone.com>  
To: <kq6dv@arrl.net>  
Cc: "qrp list" <qrp-l@lehigh.edu>, "elecraft list" <elecraft@qth.net>  
Subject: [90251] Re: FY0B  
Message-ID: <001f01c08b94\$90be86c0\$571df5cc@dell>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: "Tom & Bobbie Johnson" <kq6dv@arrl.net>  
To: <nk7m@extremezone.com>; "Jeff Grudin" <grudin@pacific.vdbs.com>; "Rich Wadsworth" <RichWads@compuserve.com>; "Ron Baldwin" <K6EXT@fireclay.com>; <kq6dv@arrl.net>  
Sent: Wednesday, January 31, 2001 12:03 AM  
Subject: FYOB

> Hi Bob:

>

> Thanks for the revised posting of the FYOB rules clearly stating  
> that the exchange includes the CURRENT temp at the operating position.  
> Now for scoring purposes I am assuming that the multiplier to be used  
> for ALL QSO's is the LOWEST operating temp. Is this correct? For  
> example, say you start the day at 6:00 AM at a temp of 30 degrees, but  
> then it warms up to 60 degrees at 1:00 PM. The QSO's made during the 60  
> degree temp period still get the 30 degree multiplier for the final  
> tabulation of the score, right? Please confirm and reply to ALL  
> RECIPIENTS so that I can squelch the QRN coming from my polar team's  
> confusion on this issue.  
>

That's correct, Tom. Report current temp for the contact, use the lowest temp reported for the mult.

-----  
Date: Wed, 31 Jan 2001 09:52:20 -0500 (EST)  
From: Henry Freedenberg <henryf@quartz.gly.fsu.edu>  
To: qrp-L@lehigh.edu  
Subject: [90252] Orlando Hamvention  
Message-ID: <Pine.BSF.4.10.10101310951140.44596-100000@quartz.gly.fsu.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Anyone interested in a QRP get together at the Orlando Hamvention next week?

-----  
Date: Wed, 31 Jan 2001 08:09:43 -0700  
From: "Steve/n0tu" <n0tu@webaccess.net>  
To: "QRP-L" <QRP-L@lehigh.edu>  
Subject: [90253] On the High side  
Message-ID: <010101c08b99\$59ade680\$6a211d82@sg2939h.col.hp.com>  
MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I was meltin' solder last ight on my Unicounter kit. Getting ready to find some matched-sets in a pile of 'rocks' for my ugly/Manhattan SST. Listening casually to the hounds bale in the background for I had already nailed that rascal. Ok, It was during his second hour.

Very interesting signals, a few loud ones (S7-9) but most were kind of on the weaker side but very very readable. I think it was because they were so spread out. It appear this way at least on the high side of the pile. The high side of the pile seemed to be the prefered place to drop your call in ...until someone got answered there!<g> AND some poor guy was calling CQ under the pile-up and then went QRZ? after several 100 hounds just gave their calls ...like they were calling him! (get real!) it was most enteraining!

I tried that spectran1304 SW on my laptop and watched the hunt while I fiddled with the different settings. Kinda interesting to watch a hunt! I'ved used(really only played with) those Yeasu rigs w/displays and thought it would a really neat feature to be able to "see" the frequency your monitoring. And it is! Just not sure I want my laptop tied up doing that all the time?

Display or no display the hunt last was almost more fun to listen to than be in it.

(IHey, I said 'almost') ....awhooooohhH ! Steve/n0tu

-----

Date: Wed, 31 Jan 2001 10:04:57 -0500  
From: Joseph I Pirkle <ad4ih@juno.com>  
To: henryf@quartz.gly.fsu.edu  
Cc: qrp-1@Lehigh.EDU  
Subject: [90254] Re: Orlando Hamvention  
Message-ID: <20010131.100458.-3784087.0.ad4ih@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Yes.

On Wed, 31 Jan 2001 09:52:20 -0500 (EST) Henry Freedenberg

<henryf@quartz.gly.fsu.edu> writes:

> Anyone interested in a QRP get together at the Orlando Hamvention

> next

> week?

>  
>

72/73,  
Joe Pirkle, AD4IH,  
QRP-L #2236  
ad4ih@arrl.net / ad4ih@juno.com

-----

Date: Wed, 31 Jan 2001 10:31:52 -0800  
From: "Dave Benson" <nn1g@earthlink.net>  
To: <fxtech@earthlink.net>, "Low Power Amateur Radio Discussion" <qrp-  
l@Lehigh.EDU>  
Subject: [90255] Rainbows (long)  
Message-ID: <00aa01c08bb4\$f28bdb80\$877fbfa8@pavilion>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

-----Original Message-----

From: Trevor Jacobs <fxtech@earthlink.net>  
..Subject: Re: My My (RE: Rainbow etc)

>I have to say that I was pretty floored when I read the e-mails in this  
>thread.

-----

Trevor-

Thanks for the observations. I'll make several of my own, much as I avoid  
making 'me-too' posts.

I do the 'Labs thing full time, so no- I don't have a real job. At  
times, though, it seems too much like a real job - I have approximately 50  
e-mail messages in my in-box right now, each requiring action on my part. I  
mention this only because a sole proprietor like myself has to make a  
conscious choice about e-mail correspondence. We can provide comprehensive  
e-mail support or we can manufacture and ship product. They both don't  
happen simultaneously and the only way out is to work longer hours or add  
staff. The first one is good for customers and second one is reflected in  
higher prices. Doug has run afoul of workload issues. Take it from me- the  
correspondence load can snowball when you fall behind!

While we're on the subject of DSWs and delays, those of you who are tracking  
my progress through the list of 100 back orders will note that I've largely

stopped shipping them recently. When I received boards in December, I had to replace the shaft encoder (and modify the firmware) and change to a new RIT switch.

Suffice it to say- I'm dead in the water on those new switches. They too are a long-lead item which are too pricy (and specialized) for suppliers to carry more than a few of at a time. The good news?- more due here within a week.

My point (aside from a growing conviction that the DSW is cursed) is that products like this \*take time\*. For small suppliers without deep pockets, we are somewhat at the mercy of unwelcome surprises like this. Given a choice between purchasing \$10K in parts to mitigate risk on a production run, or paying the mortgage and college tuition, it's a 'no-brainer'. If I were making a million widgets, it'd be easy, because that's the way industry is geared- you simply put a factory full of political prisoners or indenture-bonded laborers to work in some third-world swamp, and when things go wrong you make your legal department earn their salaries. You sell the widgets at Fry's or Circuit City, and Lord help the customer with a technical question. I'm not sure that's the way we want to go.

We small suppliers work on trust, and it's a two-way street. Overwhelmingly, we're as honest as the day is long, so we're pretty sensitive to words like 'scamming'. The suppliers who are not honest get driven out- they're off modifying linear amps for 'free-bander' use or something <g>. That trust is reciprocated within this community, for which we can all be proud. I have processed thousands of orders over the last five years. I do not cash checks early, nor have I ever had reason to change that policy- I have never been burned. There are probably few business environments that can make that claim!

Those Lot 3 'Warbler' boards for the NJ QRP club which were manufactured wrong? Immediate attention from the supplier, with apologies for their error - replacement boards are in work right now. Trust. Integrity.

"Patience, Grasshopper"

73- Dave Benson, NN1G  
Small Wonder Labs

-----  
Date: Wed, 31 Jan 2001 12:52:45 -0300  
From: Alberto <cx8at@adinet.com.uy>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [90256] ZM-2 SCHEMATICS  
Message-ID: <3A7834CD.4115B25F@adinet.com.uy>  
MIME-Version: 1.0  
Content-Type: text/html; charset=us-ascii  
Content-Transfer-Encoding: 7bit

```
<!doctype html public "-//w3c//dtd html 4.0 transitional//en">
<html>
&nbsp;
<br>&nbsp;
<br>&nbsp;
<blockquote TYPE=CITE>Hi everybody
<p>I bought a second hand <b>ZM-2</b> Z macht that doesn't work (wiring
problems). It has some mods and replacements (prev. owner told me) and
it came without the manual.
<br>Is it posible that somebody in the list could scan the <b>schematics</b>
and the <b>part list</b> in order for me to check it out?
<br>I appreciate your sending it to my e-mail address.
<br>Thank in advance.
<p>Al, CX8AT/qrp
<p>E-mail&nbsp;&nbsp;&nbsp;<b><font color="#FF0000"><font size=+1>cx8at@adinet.com.uy</font></font></b></b></blockquote>
</html>
```

Date: 31 Jan 2001 08:18:46 -0800  
From: Mike Pupeza <mpupeza@altavista.com>  
To: fxtech@earthlink.net, QRP-L@Lehigh.EDU  
Subject: [90257] Re: Help with SMK-1 small problems!  
Message-ID: <20010131161846.9826.cpmta@c012.sfo.cp.net>  
Content-Type: text/plain  
Content-Disposition: inline  
Mime-Version: 1.0

Thanks Trevor, and others;

I didn't have another crystal, and the rx tuned far more than I could tx so I left it alone.

I removed the R1 but noticed no difference, so I left it out.

So, I still have both 'troubles', but for what the rig is, it'll do!

Interestingly, I had several responses indicating the same condition of osc. cutout, but no suggestions for fixing.

Others also don't seem bothered by the 612 overload recovery.

There you have it.

No fixes for these aspects of the SMK-1

72/73

Mike VE3EQP.....>

On Tue, 30 January 2001, "Trevor Jacobs" wrote:

>

> > 1. As I rotate the RX Frequency knob clockwise, increasing frequency, the  
> local oscillator appears to cut out just near the end of travel. After the  
> cutoff, It sounds like a Shortwave radio with no BFO! I have checked my  
> installations of R2, D3, D4, L3, C4, C3, and R3. They all appear to be OK in  
> the right spots.

>

> If you have one, try a different crystal. It may be that the crystal doesn't  
> like to be pulled that far and you may find that another crystal works  
> better. I think that this is pretty common. I had a similar problem with my  
> 49er, but didn't see this on my SMK-1.

>

>

> > 2. On key up, there is a momentary blast of 'high sensitivity' of AM  
> shortwave stations - again almost like the BFO (RX Osc.) hasn't started yet.  
> It only lasts a few milliseconds, and I can still hear signals between my  
> slow CW sending.

> >



>

> If memory serves me correctly, this is from the SA612 being slightly  
> overloaded on transmit and that little blast that you hear is from it  
> recovering. Wes Hayward had a similar problem with the Micro Mountaineer and  
> he added a couple of JFETs on the input side of the SA612 to isolate the  
> SA612 better during transmit. Check out the July 2000 issue of QST for  
> details. It won't blow up the SA612 or anything, but if it's annoying to  
> you, you may try a mod like this. This is also very common, and my SMK-1  
> does this also. After I did a PA mod to increase power out, it was a bit too  
> much and removing R1 the 22K resistor helped a lot. You could try that.

>

> Hope this helps... take care...

>

> 73

> Trev

> KG6CYN

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<http://www.shopping.altavista.com>

-----

Date: Wed, 31 Jan 2001 11:25:28 -0500  
From: "Acito, William" <William.Acito@brooks.com>  
To: "'qrp-l@Lehigh.EDU'" <qrp-l@lehigh.edu>  
Subject: [90258] Toroid Core Color Code  
Message-ID: <857F15D7E3D8D3118D290008C7CF05860218BB42@mail-naeast1.brooks.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

I know this has been discussed before, so if anyone has a link or faq

reference please forward it to me.

I bought at a flea what appears to be a toroid variety pack from Micrometals with no documentation information. Lots of red, yellow and green cores. I found some good info on their site:

<http://www.micrometals.com/rfparts/rftoroid1.html>

... but was wondering if Amidon "mix" numbers are the same as Micrometals mix numbers. e.g. I need a few -43 material cores. According to this, Micrometals doesn't make them?

Bottom line... I need a good overall ID sheet, color code matrix for toroids. Does one exist? Have I just signed up to create one? :-)

Bill  
W1PA

-----  
Date: Wed, 31 Jan 2001 09:36:34 -0700 (MST)  
From: Chris Trask <ctrask@primenet.com>  
To: "Acito, William" <William.Acito@brooks.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [90259] Re: Toroid Core Color Code  
Message-ID: <Pine.BSI.3.96.1010131093537.17439B-1000000@usr05.primenet.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 31 Jan 2001, Acito, William wrote:

<<SNIP>>

>  
> ... but was wondering if Amidon "mix" numbers are the same as Micrometals  
> mix numbers. e.g. I need a few -43 material cores. According to this,  
> Micrometals doesn't make them?  
>

The -43 material is made by Fair-Rite.

Chris

/ ,-----. / What's all this \ / extinct stuff, anyhow? / / -----'	High Performance Mixers and Amplifiers for RF Communications  Chris Trask / N7ZWY
----------------------------------------------------------------------------	--------------------------------------------------------------------------------------------

Get free email and a permanent address at <http://www.amexmail.com/?A=3D1>

-----  
Date: Wed, 31 Jan 2001 10:48:07 -0600  
From: Richard Matthews <prm@hiwaay.net>  
To: nn1g@earthlink.net, qrp-1@lehigh.edu  
Subject: [90261] Re: Rainbows (long)  
Message-ID: <3.0.1.32.20010131104807.00ce5a80@hiwaay.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 10:31 1/31/01 -0800, you wrote:

<clip>

>Those Lot 3 'Warbler' boards for the NJ QRP club which were manufactured  
>wrong? Immediate attention from the supplier, with apologies for their  
>error - replacement boards are in work right now. Trust. Integrity.  
>  
>"Patience, Grasshopper"  
>  
>73- Dave Benson, NN1G  
>Small Wonder Labs  
.....

Thanks for your informed post Dave. I feel for the guys at NJQRP club right now, but those of us who have to deal with outside manufacturers and suppliers know exactly what you guys go through. It is like the old saying about sailors running aground, "If you haven't received bad parts or had long delayed parts, you haven't dealt with outside supplies very much. It happens, and most of us fully understand and those who don't . . .oh, well.

73,

Richard WA4NWW an unpaid, unassociated, full supporter of both Dave and of the NJQRP club

-----  
Date: Wed, 31 Jan 2001 11:55:39 -0500  
From: Bruce Muscolino <w6toy@erols.com>  
To: William.Acito@brooks.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [90262] Re: Toroid Core Color Code  
Message-ID: <3A78438B.F94F8479@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Bill,

There are some ways to determine what you have there, but keep this one point in the very front of your mind. In fact write it down, commit it to memory, and write inside the cover of your checkbook. THERE IS NO STANDARD COLOR CODE FOR TOROIDS. THERE IS NO STANDARD COLOR CODE FOR TOROIDS. THERE IS NO STANDARD COLOR CODE FOR TOROIDS! Unless the vendor gives you the type and place of origin for each core you are buying a pig in a poke!

Now, about your problem. Amidon Cores are likely to have been made by Micrometals. They were in the past, and eh color codes were identical. Are yours? Who knows! But here is something you can do to test the cores you have. Wind a coil on one of each type you have. Wind at least 75% of the surface area of each. Then find a capacitor of known value and properties, like a 150 uF silver mica and solder it across the coil of each (one at a time if you only have one capacitor!) Then using your grid dip meter measure the resonant frequency. If the resonant frequency falls into line with the Micrometals core type you may have lucked out! Only actual application will tell!

Toroids are so cheap that it doesn't make any sense to buy unmarked ones of dubious lineage!

73

-----  
Date: Wed, 31 Jan 2001 09:03:58 -0800 (PST)  
From: agtaylor@llnl.gov  
To: qrp-1@lehigh.edu  
Subject: [90263] QRPTTF: big plans in No Calif!  
Message-ID: <200101311704.JAA28685@poptop.llnl.gov>  
MIME-Version: 1.0  
Content-Type: TEXT/plain; CHARSET=US-ASCII

This year for QRPTTF I would like to do a significant backpack trip to a suitable mountain in No Calif for the event. As the Sierra Nevada mtns will be still very ski-able, I am looking into various places along the coast range north or south 100 mi or so from SF/Oakland area.

What does this have to do with you? Well, I am looking for a suitably crazy guy to accompany me on this junket. Also am interested in suggestions as to where I might go. The obvious best site would be Mt Diablo but the camping sites are drive-to only and on the wrong side of the mtn. Rose Peak, near Livermore, at least allows camping although the dropoff to the east is not nearly what one might wish for.

Anyway, I would like to hear from others in No Calif who might have suggestions or to join up. A gaggle of 3 would be about right.

73 Allan K7GT / AE6TT  
Pleasanton CA

--

Allan G Taylor

agtaylor@llnl.gov

-----  
Date: Wed, 31 Jan 2001 09:14:03 -0800  
From: Phil Wheeler <w7ox@earthlink.net>  
To: agtaylor@llnl.gov  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [90264] Re: QRPTTF: big plans in No Calif!  
Message-ID: <3A7847DB.24DCEBF1@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

agtaylor@llnl.gov wrote:

>

> This year for QRPTTF I would like to do a significant backpack trip to  
> a suitable mountain in No Calif for the event. As the Sierra Nevada mtns  
> will be still very ski-able, I am looking into various places along the  
> coast range north or south 100 mi or so from SF/Oakland area.

>

What is the "theme" of QRPTTF this year?

Phil W7OX

-----  
Date: Wed, 31 Jan 2001 12:05:29 -0500  
From: "Paul Christensen" <paulc@mediaone.net>  
To: <mgoins@usa.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [90265] Re: Long Island Mercury Paddle  
Message-ID: <015c01c08ba9\$6d22b960\$6501a8c0@paulch>  
MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Here's Rich's e-mail address:

kg2ed@mindspring.com

-Paul, W9AC

----- Original Message -----

From: "Michael Goins" <mgoins@usa.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Wednesday, January 31, 2001 11:56 AM  
Subject: Long Island Mercury Paddle

> Can't seem to find an e-mail or URL for Richard Stamile, KG2ED. He is the  
> manufacturer of the Long Island Mercury paddle. Any help would be  
appreciated.

> Thanks.

>

> mike

> wb5yjx

>

> P.S. I'd also appreciate anyone using this paddle, the Hensley, or the  
N2DAN

> taking a minute to reply offlist. Looking for a permanent, high-end  
paddle.

>

>

>

> -----  
> Get free email and a permanent address at <http://www.amexmail.com/?A=1>

-----

Date: Wed, 31 Jan 2001 12:07:58 -0500  
From: Michael Bower <bowerm@ix.netcom.com>  
To: nn1g@earthlink.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [90266] Re: Rainbows (long)  
Message-ID: <3A78466E.D9B6524@ix.netcom.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Being a receiver of many e-mails from Dave, I want to personally thank him and

all the others for their great work.

I LOVE this hobby and what I've received in the from it the past couple of years. (I was absent from hamming for a number of years.) I find it VERY refreshing to get a message from someone who says something like "Give me your address and I'll send the XYZ tomorrow. Send me a check when you get around to it." Like Dave, I've never been burned by anyone and I hope I've never burned anyone. (I was going to pay someone via PayPal for a rig that I borrowed from him. I put it off for a LONG time. (He wasn't in any hurry.) FORTUNATELY I did this as I had forgotten about the check I had sent to Dave for the latest run of DSWs. Had Dave tried to cash the check and it bounced, I would have been VERY embarrassed. I already owe Dave one dinner. I'd feel like I owed him another and the check again.)

Anyway, the QRP community is one of the sanity items I have left in this chaotic world. Dave, thanks for the comments.

Michael N4NMR

Dave Benson wrote:

```
> -----Original Message-----
> From: Trevor Jacobs <fxtech@earthlink.net>
> ..Subject: Re: My My (RE: Rainbow etc)
>
> >I have to say that I was pretty floored when I read the e-mails in this
> >thread.
> -----
> Trevor-
>
> Thanks for the observations. I'll make several of my own, much as I avoid
> making 'me-too' posts.
>
> I do the 'Labs thing full time, so no- I don't have a real job. At
> times, though, it seems too much like a real job - I have approximately 50
> e-mail messages in my in-box right now, each requiring action on my part. I
> mention this only because a sole proprietor like myself has to make a
> conscious choice about e-mail correspondence. We can provide comprehensive
> e-mail support or we can manufacture and ship product. They both don't
> happen simultaneously and the only way out is to work longer hours or add
> staff. The first one is good for customers and second one is reflected in
> higher prices. Doug has run afoul of workload issues. Take it from me- the
> correspondence load can snowball when you fall behind!
>
> While we're on the subject of DSWs and delays, those of you who are tracking
> my progress through the list of 100 back orders will note that I've largely
> stopped shipping them recently. When I received boards in December, I had
```



> to replace the shaft encoder (and modify the firmware) and change to a new  
> RIT switch.  
> Suffice it to say- I'm dead in the water on those new switches. They too  
> are a long-lead item which are too pricy (and specialized) for suppliers to  
> carry more than a few of at a time. The good news?- more due here within a  
> week.  
>  
> My point (aside from a growing conviction that the DSW is cursed) is  
> that products like this \*take time\*. For small suppliers without deep  
> pockets, we are somewhat at the mercy of unwelcome surprises like this.  
> Given a choice between purchasing \$10K in parts to mitigate risk on a  
> production run, or paying the mortgage and college tuition, it's a  
> 'no-brainer'. If I were making a million widgets, it'd be easy, because  
> that's the way industry is geared- you simply put a factory full of  
> political prisoners or indenture-bonded laborers to work in some third-world  
> swamp, and when things go wrong you make your legal department earn their  
> salaries. You sell the widgets at Fry's or Circuit City, and Lord help the  
> customer with a technical question. I'm not sure that's the way we want to  
> go.  
>  
> We small suppliers work on trust, and it's a two-way street. Overwhelmingly,  
> we're as honest as the day is long, so we're pretty sensitive to words like  
> 'scamming'. The suppliers who are not honest get driven out- they're off  
> modifying linear amps for 'free-bander' use or something <g>. That trust is  
> reciprocated within this community, for which we can all be proud. I have  
> processed thousands of orders over the last five years. I do not cash  
> checks early, nor have I ever had reason to change that policy- I have never  
> been burned. There are probably few business environments that can make  
> that claim!  
>  
> Those Lot 3 'Warbler' boards for the NJ QRP club which were manufactured  
> wrong? Immediate attention from the supplier, with apologies for their  
> error - replacement boards are in work right now. Trust. Integrity.  
>  
> "Patience, Grasshopper"  
>  
> 73- Dave Benson, NN1G  
> Small Wonder Labs

-----  
Date: Wed, 31 Jan 2001 12:18:11 -0500  
From: Ed Kessler <edkess@epix.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Cc: kanga@bright.net, "Dieter Gentzow, W8DIZ" <w8diz@cinci.rr.com>, "Eastern PA  
QRP Club" <epaqrp-l@Lehigh.EDU>  
Subject: [90267] New Web Page

Message-ID: <5.0.2.1.0.20010131121412.00a35230@mailhost.epix.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Just started a QRP/Homebrew webpage. Nothing fantastic. Just fun.  
Check it out: <http://www.qsl.net/aa3sj/index.html>

73s  
Ed AA3SJ

-----  
Date: Wed, 31 Jan 2001 12:29:10 -0500  
From: "John J. McDonough" <wb8rcr@arrl.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [90268] Re: Toroid Core Color Code  
Message-ID: <03d901c08bab\$5720a6c0\$010044c0@baycty1.mi.home.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

----- Original Message -----  
From: "Bruce Muscolino" <w6toy@erols.com>  
Subject: Re: Toroid Core Color Code

> coil of each (one at a time if you only have one capacitor!) Then using  
> your grid dip meter measure the resonant frequency. If the resonant

Don't have a grid dip meter? No problem.

Connect the toroid to be tested in series with a known resistor. Apply a small source of RF across the pair. A Pixie or Fireball 40 works good for this purpose. Using the RF probe you built back when Chuck was teaching us this stuff, measure the voltage across each. You now know the impedance of the coil at the source frequency, from which it is a simple matter to calculate the inductance.

72/73 de WB8RCR      <http://members.home.com/wb8rcr/index.htm>  
didileydadidah      QRP-L #1446 Code Warriors #35

-----  
Date: Wed, 31 Jan 2001 12:54:51 -0500

From: Kenneth Hoglund <hoglund@wfu.edu>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [90269] Cub for 2/1?  
Message-ID: <3A78516B.A3C1D8BC@wfu.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Anyone see the announcement for whose on Tonight for the Cub? Or maybe my delete key has been hyperactive??

Ken KG4FGC

Still trying to bag one in 2001!

-----  
Date: Wed, 31 Jan 2001 12:59:08 -0500  
From: Rick Robinson <rerobins@email.uncc.edu>  
To: qrp-1@lehigh.edu  
Cc: elecraft@qth.net, KLQRP@applegate.org, nogaqrp@qth.net  
Subject: [90270] QRP Forum and Elecraft at the Charlotte Hamfest  
Message-ID: <v03102810b69dfbbd6447@[152.15.144.71]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

This year's Charlotte, NC, Hamfest will be like no other before it. We are pleased to have as our guests this year Wayne Burdick, N6KR, and Eric Swartz, WA6HHQ from Elecraft. Wayne and Eric will man the Elecraft booth and we hope they will also speak at our first ever QRP Forum.

The Charlotte Hamfest is on the weekend of March 10 and 11, 2001, and will be held at the Charlotte Merchandise Mart on Independence Blvd. Unlike the Shelby, NC, Hamfest, the Charlotte Hamfest is totally indoors and has a 2 day attendance of over 10,000. The web page for the Charlotte Hamfest is:

<http://www.w4bfb.org/hamfest.html>

A QRP dinner is being planned for Saturday night in honor of Wayne and Eric's visit. If you would like to attend the dinner please let me know ASAP. We'd like an idea of the number to expect in order to book a room. We should be able to have a good meal for under \$20 including gratuity. That's without figuring in any 807s that might be consumed, so your mileage on the tab may vary.

72 and I hope to see you in Charlotte.

Rick Robinson kf4ar

-----  
Date: Wed, 31 Jan 2001 10:11:45 -0800 (PST)  
From: John Birkett <jbirk44@yahoo.com>  
To: hoglund@wfu.edu, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [90271] Re: Cub for 2/1?  
Message-ID: <20010131181145.27799.qmail@web10004.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

According to the schedule  
(<http://www.qsl.net/k5di/fox/sched.htm>) Jerry, W MC

John Birkett

--- Kenneth Hoglund <hoglund@wfu.edu> wrote:  
> Anyone see the announcement for whose on Tonight for  
> the Cub? Or maybe  
> my delete key has been hyperactive??  
>  
> Ken KG4FGC  
>  
> Still trying to bag one in 2001!  
>

-----  
Get personalized email addresses from Yahoo! Mail - only \$35  
a year! <http://personal.mail.yahoo.com/>  
-----

Date: Wed, 31 Jan 2001 13:14:41 EST  
From: Sskroll@aol.com  
To: qrp-1@lehigh.edu  
Subject: [90272] Need Assistance  
Message-ID: <cf.1b9805c.27a9b011@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Building the gelcell charger on page 3-23 of the QRP Power book. The voltage regulator is an LT1086CT. Does this cross to anything? My library is limited.

Thanks

Stan Kroll, AC4KM  
Orlando, FL

-----  
Date: Wed, 31 Jan 2001 10:29:34 -0800  
From: "Doug Hendricks" <ki6ds@dph.dpol.net>  
To: <qrp-1@lehigh.edu>  
Subject: [90273] Doug Hauff  
Message-ID: <01c08bb3\$c29315c0\$330b0d0a@dhendricks>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Doug Hauff is a gentleman. He is a very good friend of mine. He cares about people. He is human. He makes mistakes, but not intentionally. I have done thousands of dollars worth of business with him and trust him completely. I will publicly vouch for his integrity and honesty. I know of no instance where anyone has lost a dime dealing with him. His products are of the highest quality that I know of.

Did you know that::

1. Doug Hauff spent hundreds of hours on the NorCal 20 case project for no pay? He volunteered valuable work time to make it happen.
2. Did you know that Doug Hauff drove 3 hours one way 4 different times to deliver NorCal 20 cases to my home? At his expense.
3. Did you know that Doug Hauff made 1600 NorCal Paddle kits for the K8FF Paddles? He was paid machine time for the production of the parts, but donated all of the setup and R&D time, which would have added at least \$2000 to \$4000 dollars to the cost if he had charged us?
4. Did you know that he delivered the paddle kits to me in Dos Palos, again at no charge and took half a day off work to do it? We also met halfway several times to exchange kits.
5. Doug provided the extra parts at no charge for the paddles.
6. Doug Hauff is the one who found the sheetmetal shop that Wilderness Radio, Elecraft, Red Hot Radio and Small Wonder Labs uses for their cases? Think about that one folks. The SST case was the first one that he found the supplier for, and at a time when Wilderness couldn't find anyone else to



-----  
Date: Wed, 31 Jan 2001 14:12:49 -0500  
From: Bruce Muscolino <w6toy@erols.com>  
To: bowerm@ix.netcom.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [90275] Re: Rainbows (long)  
Message-ID: <3A7863B1.3CE68EEE@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Michael,

There are those in this hobby who are real gentlemen and will accept a check. There are those who won't. I am glad you have found the right group!

73

-----  
Date: Wed, 31 Jan 2001 13:24:51 -0600  
From: "Mike =?ISO-8859-1?Q?N=D8WDM"?= <michaelbstjames@email.msn.com>  
To: "qrp reflector" <qrp-1@Lehigh.EDU>  
Subject: [90276] Re: Doug Hauff  
Message-ID: <000e01c08bbb\$7d0ca5e0\$be816520@default>

In support of Doug Hendricks comments.

I can't imagine why anyone would be anything but grateful to Doug Hauff. His contribution to the qrp hobby ought to put him in the Hall of Fame not the doghouse. If there has been a mistake .... it'll be put right. Take a breath.

Mike in Minnesota  
Yup ... I'm back

-----Original Message-----  
From: Doug Hendricks <ki6ds@dph.dpol.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Date: Wednesday, January 31, 2001 12:29 PM  
Subject: Doug Hauff

>Doug Hauff is a gentleman.

-----  
Date: Wed, 31 Jan 2001 14:35:12 -0500  
From: John Sundstrom <sundstrj@gvsu.edu>  
To: qrp-1@Lehigh.EDU  
Subject: [90277] Re: Experiences with FT-817?  
Message-ID: <3A7868F0.BBC8FE36@gvsu.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Greg:

Great little radio. Very versatile. Good receiver.

There is a e-group (FT817) mail reflector that is very active that you could join for more info

John de N8yqd.

-----  
Date: Wed, 31 Jan 2001 15:09:54 +0000  
From: "Steven Weber" <kd1jv@moose.ncia.net>  
To: qrp-1@lehigh.edu  
Subject: [90278] FYBO plans  
Message-ID: <200101311943.f0VJhn809218@wolf.ncia.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

Hi Gang,

I plan on joining the ranks of frozen tussh'es, toes and fingers this year. Will snow shoe to the top of a small hill at a local cross country ski area. I could ski up, but this trail isn't groomed or well used and shoe shoes will make it easier to pack down a place to operate and get an antenna up. Temp's are expected to be in the 20's here Saturday. Down right tropical, hi.

Expect to be on for at least a few hours (20M) mid-late afternoon. Still gets dark early here, so can't stay out too long. Hope to work a few of you !



Humm, that reminds me, I need to make a little lap table. Think I'll use some wood paneling for the table top, add some 1x2 wood struts along the edges to insert some fiberglass tent poles into, to use as legs. Lay down my ensulite pad to sit on, lean back on a tree and push the table legs into the snow. Should work :-)

72,

Steve, KD1JV in the white Mountains of New Hampshire  
"melt solder"

-----  
Date: Wed, 31 Jan 2001 15:06:03 -0500  
From: "Pastor-KC1DI" <elbc@pivot.net>  
To: <edkess@epix.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [90279] Re: New Web Page  
Message-ID: <006401c08bc1\$4015e6a0\$6a1299d0@elbc>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: "Ed Kessler" <edkess@epix.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Wednesday, January 31, 2001 12:18 PM  
Subject: New Web Page

> Just started a QRP/Homebrew webpage. Nothing fantastic. Just fun.  
> Check it out: <http://www.qsl.net/aa3sj/index.html>  
>  
> 73s  
> Ed AA3SJ  
>  
Nice webpage Ed,  
73 dave kc1di

-----  
Date: Wed, 31 Jan 2001 15:17:30 -0500 (GMT+5)  
From: <wd9eyb@butler.qrp.com>  
To: qrp-l@lehigh.edu  
Cc: wvara@butler.qrp.com

Subject: [90280] Klunky Biquad Active Bandpass Filter  
Message-ID: <Pine.LNX.3.95.1010131151107.25550A-100000@butler.qrp.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I redrew the schematic of a biquad active bandpass filter using Klunky.  
<http://butler.qrp.com/~wd9eyb/klunky/biquad.html>

I then laid out a PCB for the circuit using Klunky.  
<http://butler.qrp.com/~wd9eyb/klunky/biqupcb.html>

I then captured the layout, scaled it to the right size, and printed it.  
If I had any guts I would actually make the thing and see if it works.

Klunky PCB's are way to small to be practical except for the smallest  
of circuits. They're only 2.1" by 1.5". But it's fun to play with.

Klunky can be found at <http://butler.qrp.com/~wd9eyb/klunky>  
I'm thinking about putting a copy on QSL.NET too.

Thanks,

Jim, WD9EYB

-----  
Date: Wed, 31 Jan 2001 16:15:04 -0500  
From: Rick Robinson <rerobins@email.uncc.edu>  
To: qrp-l@lehigh.edu  
Subject: [90281] component symbols in Word  
Message-ID: <v03102815b69e3035b9e1@[152.15.144.71]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Someone posted a collection of schematic symbols for use with Word awhile  
back. I've lost the collection and the web location. I couldn't locate  
the post by searching the archives.

Does anyone have such a collection or a web address for one?

Thanks and 73,

Rick kf4ar

-----  
Date: Wed, 31 Jan 2001 16:47:31 EST  
From: K2UD@aol.com  
To: k5zty@juno.com  
Cc: qrp-l@lehigh.edu  
Subject: [90282] Re: "Homebrew" Key/Keyer Construction Enquiry...!  
Message-ID: <10.831380b.27a9e1f3@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

On the Bulldog paddle suction cups, I've found recently that they will stick to smooth, "non-porous" surfaces for a number of days quite well. Stuck them to an Altoids tin, had to pry them off about 2-1/2 days later. Put them on an NC-40A, NC-20 or similar that has a slight pebble finish to it, and yeah they will lift off in short order. The Altoids tin worked very well for me, as the keyer was in it! Ditto on Doug Hauff's very excellent 38 Special case, you just won't lose the paddles for a long time.

Hey, these aren't Mercury paddles! They are rugged though, and quite revolutionary in their simplicity. I wouldn't use the Mercury outdoors, but I do use the Bulldog anywhere! My kids really like them because they think they're cute. It took the 14 year old quite a while to report to me what they were made of. He thought I'd been hoodwinked! Now he wants his own.

72 all

Howard Kraus, K2UD

-----  
Date: Wed, 31 Jan 2001 15:22:02 -0700 (MST)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: <qrp-l@lehigh.edu>  
Subject: [90283] FYBO Plans  
Message-ID: <Pine.LNX.4.31.0101311513540.786-1000000@cannac.ampr.org>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Saturday next listen for k5di calling CQ test. I will be out at Leesburg Dam on the old Rio Grande operating on an old card table. The rig will be my Ten Tec Argo and laptop all running from the Jeep battery. The antenna will be my mobile Ham Stik's.

QRP-Dupe on the laptop will do most of the sending and I will do the filling in your call and numbers. Hope to work you all that will be

out in the cold with me. The wx here should start in the 20's at 7 AM and then climb fast to the 50's hope hope...:-)

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

-----  
Date: Wed, 31 Jan 2001 14:25:06 -0800 (PST)  
From: Jeff <fantbb@yahoo.com>  
To: qrp qrp <qrp-1@lehigh.edu>  
Subject: [90284] QRP rig that can be controlled via serial port?  
Message-ID: <20010131222506.1137.qmail@web10005.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

I have a friend of mine that has a computerized boat and needs a QRP rig that he can control via a serial or parallel port. The main thing he is looking for is some thing with low current draw on receive. He has a Icom 706 but the receiver uses too much current. Any one have any ideas that I could pass along to him?

Thanks and 73!

Jeff

=====  
AB6MB  
Stop censorship on mailing lists!  
NorCal QRP Club #65, QRP-L #1780, ARCI 10071  
Radical FIST Member 6798

-----  
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-----

Date: Wed, 31 Jan 2001 15:26:58 -0700 (MST)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: Doug Hendricks <ki6ds@dph.dpol.net>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [90285] Re: Doug Hauff  
Message-ID: <Pine.LNX.4.31.0101311524510.786-100000@cannac.ampr.org>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Thanks for telling me about Doug and his contributions. I wondered who this terrible old man was, and now I know. Another time ignorance abounds.

On Wed, 31 Jan 2001, Doug Hendricks wrote:

> Doug Hauff is a gentleman. He is a very good friend of mine. He cares  
> about people. He is human. He makes mistakes, but not intentionally. I  
> have done thousands of dollars worth of business with him and trust him

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

-----  
Date: Wed, 31 Jan 2001 17:28:18 -0500  
From: w2xn@juno.com  
To: qrp-l@Lehigh.EDU  
Subject: [90286] New QRP Rig On The Air  
Message-ID: <20010131.172822.-831443.4.w2xn@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Just finished my DSW-20 (one of the last 100), and ran it through the "smoke test". Have to say I was a little nervous about putting power to it. It tuned up fine.

All I can say is, "It works ! And I think I'm gonna like this little rig."

Now back to the shack to make some contacts with it.

Fred W2XN w2xn@arrl.net  
ARRL, ARES, Skywarn #POL-007, V E;  
QRP: AR #233, QRP-L #1728, NJ #197, Zombie #709, FP #126

-----  
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<http://dl.www.juno.com/get/tagj>.  
-----

Date: Wed, 31 Jan 2001 15:32:12 -0700 (MST)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: John Birkett <jbirk44@yahoo.com>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [90287] Re: Cub for 2/1?  
Message-ID: <Pine.LNX.4.31.0101311530010.786-100000@cannac.ampr.org>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

John, that is W0MC and his name is Jerry and he lives in Colorado. His announcement may be lacking but hope he will appear on 7140 about and call CQ FOX about 0200 UTC.

On Wed, 31 Jan 2001, John Birkett wrote:

> According to the schedule  
> (<http://www.qsl.net/k5di/fox/sched.htm>) Jerry, W MC  
>  
> John Birkett  
>  
> --- Kenneth Hoglund <hoglund@wfu.edu> wrote:  
> > Anyone see the announcement for whose on Tonight for  
> > the Cub? Or maybe  
> > my delete key has been hyperactive??  
> >  
> > Ken KG4FGC  
> >  
> > Still trying to bag one in 2001!  
> >  
>  
>  
> -----  
> Get personalized email addresses from Yahoo! Mail - only \$35  
> a year! <http://personal.mail.yahoo.com/>  
>  
>

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

-----  
Date: Wed, 31 Jan 2001 17:28:56 -0500

From: Michael Bower <bowerm@ix.netcom.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [90288] Re: Doug Hauff  
Message-ID: <3A7891A7.1A258DFA@ix.netcom.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I wish I was so "terrible" <grin>.

Doug (Hendricks), thanks for the insight. It came at a good time.

Doug (Hauff), hang in there. This too shall pass.

Michael N4NMR

"Karl F. Larsen" wrote:

> Thanks for telling me about Doug and his contributions. I wondered who  
> this terrible old man was, and now I know. Another time ignorance abounds.  
>  
> On Wed, 31 Jan 2001, Doug Hendricks wrote:  
>  
> > Doug Hauff is a gentleman. He is a very good friend of mine. He cares  
> > about people. He is human. He makes mistakes, but not intentionally. I  
> > have done thousands of dollars worth of business with him and trust him  
>  
> Yours Truly,  
>  
> - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

--

73 de N4NMR  
Michael Bower  
Ashburn, VA (near Washington, D.C.)

-----  
Date: Wed, 31 Jan 2001 18:05:49 -0500  
From: "Tom" <n1tp@worldnet.att.net>  
To: <ad4ih@juno.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [90289] Re: Orlando Hamvention  
Message-ID: <002501c08bda\$5aa70300\$738d4d0c@tom>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Last year K4FB, AF4PS, N1TP and several others met outside between the main buildings at 10:00.

Tom, N1TP

----- Original Message -----

From: "Joseph I Pirkle" <ad4ih@juno.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Wednesday, January 31, 2001 10:04 AM

Subject: Re: Orlando Hamvention

> Yes.

> On Wed, 31 Jan 2001 09:52:20 -0500 (EST) Henry Freedenberg

> <henryf@quartz.gly.fsu.edu> writes:

> > Anyone interested in a QRP get together at the Orlando Hamvention

> > next

> > week?

> >

> >

>

>

>

> 72/73,

> Joe Pirkle, AD4IH,

> QRP-L #2236

> ad4ih@arrl.net / ad4ih@juno.com

>

-----  
Date: Wed, 31 Jan 2001 18:07:53 -0500

From: "Dennis Payton" <dpayton@fwi.com>

To: <qrp-l@Lehigh.EDU>

Subject: [90290] Stand-off Idea

Message-ID: <00e901c08bda\$a574cac0\$d6a854d1@locke>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I was never able to find stand-offs small enough to suit me until I discovered jack screws from computer board connectors. They measure about 3/16" x 3/16" and can be found on old boards or sold loosely at computer shows (also Mouser page 372, but they're expensive). I picked up what will



probably be a lifetime supply of them for myself recently at a hamfest/computer show for just \$5.

They especially work well in Altoids tins. Instead of drilling holes in the tin, I use my Dremmel tool to cut the threaded part off and smooth the bottom, then solder them in place. surprisingly, it can be done without even damaging the paint on the outside of the tin. They do require a short 4/40 screw but the local hardware carries those.

Denny Payton, N9JXY  
Auburn, IN

-----  
Date: Wed, 31 Jan 2001 18:19:58 EST  
From: SKIPNC90@aol.com  
To: slmachco@fix.net, qrp-l@lehigh.edu  
Subject: [90291] Re: My My (RE: Rainbow etc)  
Message-ID: <99.1013873b.27a9f79e@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Hi Doug,

I appreciate that fact that you have offered cases for the NorCal rigs even though I did not order one. We all can contribute one way or another but many do not choose to, they only seem to complain. If you did not cash his check there is nothing really for him to complain about except not having a case to put his rig in. I do not remember reading that you would be shipping them from any stock and I would expect to wait a month or two when you can finish the cases. Maybe he would be happy with a "kit case" ( unmachined aluminum block) from you at a discount :- ) (I couldn't resist.)

Didn't you try to make some small keys or paddles too? Those would be neat to have.

Thanks for your efforts and contributions to our hobby.

73, Skip Davis NC90

-----  
Date: Wed, 31 Jan 2001 18:27:19 -0500  
From: Joseph I Pirkle <ad4ih@juno.com>

To: k5di@zianet.com  
Cc: qrp-1@Lehigh.EDU  
Subject: [90292] Re: FYBO Plans  
Message-ID: <20010131.182720.-3494595.0.ad4ih@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Karl,  
Here in central Florida the wx is forecast be be what Florida is known  
for, soooo...the "F" in FYBO will stand for "FUN"...

On Wed, 31 Jan 2001 15:22:02 -0700 (MST) "Karl F. Larsen"  
<k5di@zianet.com> writes:

>  
> Saturday next listen for k5di calling CQ test. I will be out  
> at  
> Leesburg Dam on the old Rio Grande operating on an old card table.  
> The rig  
> will be my Ten Tec Argo and laptop all running from the Jeep  
> battery. The  
> antenna will be my mobile Ham Stik's.  
>  
> QRP-Dupe on the laptop will do most of the sending and I  
> will do  
> the filling in your call and numbers. Hope to work you all that will  
> be  
> out in the cold with me. The wx here should start in the 20's at 7  
> AM and  
> then climb fast to the 50's hope hope...:-)  
>  
> Yours Truly,  
>  
> - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -  
>  
>

-----  
Date: Wed, 31 Jan 2001 18:42:33 -0500  
From: "Ed Tanton" <n4xy@att.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [90293] RE: My My (RE: Rainbow etc)  
Message-ID: <CKEGICNFDIMCEKEDCEHFAEIFFNAA.n4xy@att.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="us-ascii"  
Content-Transfer-Encoding: 7bit

I would take exception to one thing you said here Skip: unless there is a SPECIFIC statement that a 'thing' you are buying from someone is NOT 'from stock'; the expectation should be that it IS 'from stock', and that a reasonable delivery time WILL follow. People DO run out of 'things' and then it is not only reasonable to expect that you will be notified immediately, it is THE LAW.

This is not to take sides... just a mention of the way things ought to work; and MUST work if a person expects to continue to do business in the United States.

73 Ed Tanton N4XY <n4xy@arrl.net>

website: <http://www.n4xy.com>

LM: ARRL QCWA AMSAT & INDEXA;  
SEDXC NCDXA GACW QRP-ARCI  
OK-QRP QRP-L #758 K2 (FT) #00057

///snip

> I do not remember reading that  
> you would be shipping them from any stock and I  
> would expect to wait a month or two when you can  
> finish the cases.

///snip

-----  
Date: Wed, 31 Jan 2001 18:47:38 -0500  
From: "Mark Fancher" <mmfancher@earthlink.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>, <slmachco@fix.net>  
Subject: [90294] Re: My My (RE: Rainbow etc)  
Message-ID: <005c01c08be0\$35030760\$eb2c56d1@GEARemote>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

> Now Mark Fancher posts a mesage of complaint, with the totally unfounded  
> uncalled for suggestion that his money is gone....stolen by me..I take  
> offense at this accusation, Mr Fancher, you are totally out of line...I  
> have informed you several times of my situation, a new run of enclosures  
> has been started, but has not been completed due to other  
> obligatiions...you have never asked for a return, I have never refused  
one,

> to suggest that I have taken your money is a LIE....I would have been happy  
> to send you your case when completed, but instead I am returning your  
> check NOW, I am stopping at the post office on my way home...and by the  
> way, i have not cashed your check, just how have you been so wronged?

Thank you Doug. I'll feel much better with the return of my payment. If you haven't cashed the check, its probably better your return it since the bank probably wouldn't honor it after all this time, anyway.

Just so everyone knows, your promised delivery dates have been pushed on and on and on . . . . hence the "have informed you several times" comment. Unfortunately, your delivery date projections were never met.

I promise to post to the list when I receive the check, so I can reaffirm your integrity that everyone seems to vouch for.

> Get a life, twit....and I must say it is pretty chickens--t to make a post  
> as you did without contacting me directly...almost constitutes liable,  
> methinks

Doug - I don't know you and you don't know me. My dealings with you haven't been for the sake of the hobby, or because you are such a nice guy. Its just business. I can't solve the problems you have with your business, you see, I'm simply a paying customer. One thing I would suggest is that you put a statement on your web site describing the delivery policy of "customers who pay the bills first". I would gladly have paid more for the enclosure to get it in a descent amount of time.

You have a friends on the list, and that's great! When people like Doug Hendricks states such nice things about you, there must be something to it. This "twit" says thanks for your dedication to our hobby. Nevertheless, I didn't intend to buy a Rainbow Tuner enclosure because your a great guy. Once again, I don't know you and I've never met you.

Once again, of all my emails, you only answered one of them.

BTW, I don't think I've been called names like "twit" since grade school . .  
.

...As i have posted before, i am always accessable, 805-5498065,  
> slmachco@fix.net ...if you have a bitch, let me hear it, OK? Don't go  
> whining in public before you have a reason...another twit...don't you  
> people have a life? Geeezzzz...

Yes, Doug, I do have a life. Yes, Doug, I have called you directly over the past few months. Yes Doug, you did promise delivery dates that were never met. On a few occasions, the delivery dates were always a month out, and I

waited, and then . . . no delivery. Once again, since you've answered my questions "several times", that's simple proof I did contact you directly.

As to whinning to the public, I simply wanted to warn my fellow hams before they place an order. That's it, nothing more.

As for this "twit", I plan to take my refund and purchase a Context Engineering enclosure. A functioning rainbow tuner is better than no rainbow tuner at all . . . besides, I like Context's enclosures. They're less expensive, also. My Rainbow Tuner will match the rest of my homebrew gear.

> Well i hope I haven't alienated everyone, i just don't like being trashed  
> behind my back...and THANK YOU to those who have come to my  
defense(Jim)...

THANK YOU for all those folks who replied to me off list who empathized with my plight. After seeing some of Doug's comments to other hams with similar problems, I guess his characterization of me as a "twit" is a somewhat subdued . . .

With that support, it helps me not to take Doug Hauff's lack of response so personally. It really did start to bother me before yesterday. . .

Doug, I sincerely wish you the best of luck in your future business endeavours. Who knows, when I finish my Rainbow Tuner and hook it up to a random length antenna, maybe we can QSO QRP! After all, isn't that what the hobby is about? No business, just fun, heh? Indiana to CA with my NorCal 40A, maybe another 1000 mile/watt award! I'll pick up the tab for the certificate and have the ARCI send you one, too.

Just one recommendation: I hope you don't call your "customers who pay the bills" names like twit.

Best wishes and 73's!  
Mark, W09G

-----  
Date: Wed, 31 Jan 2001 23:34:16 +0000  
From: nilsbull@juno.com  
To: QRP-L@lehigh.edu  
Subject: [90295] That Stockton meter thingie again  
Message-ID: <20010131.233430.-344265.1.nilsbull@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Gang,

Holy-moly & hot-dam! Them little wires is smaaaaaalllllll!

It took me about half an hour to wind them little toroids. And another hour to find two 50 Ohm resistors. But I got the dagnab thing built & it works. Oh, there was the half hour spent figuring out what I'd wired wrong between them toroids & all that.

Now to go over to Rogers & get some decent terminating resistors to replace them cheapo RadioShack.com ones that I had to dig out of a couple different plastic bags. And then . . .

I noticed that (a) the Fluke 77 reads lower in voltage than my Emco DMR-1 and that (b) the voltage readings on the DMR-1 are somehow frequency dependant. Which made "calibration" rather interesting. Like I was getting the same readings on the Fluke across the range of 1.8 to 28.060 MHz but the DMR-1 was reading much lower on 160 than on 10m. Don't understand that one.

The tune-up deal is simple enough: A pile of 1 W resistors that in parallel read 55 Ohms (on both meters!) and the little RF probe thingie (built into the box) like what was in the recent QRpp. And I'm not so sure that the input impedance of the DMR-1 is considerably less reliable than the Fluke, one costing about thrice what the other'n did.

But I got it done & I got it working (and I only used one meter)! Now to figure out how to make all that stuff fit onto one teensy weensy little board that I can put in the home-brew battleship boxed ATU. And in the amp.

Very interesting circuit . . . almost cosmic. Maybe I should spring for some 1N5711 diodes just to make it hoitsy-toitsy some . . .

73

Nils

. . . and thanks to all who sent me encouragements & advise . . . if'n I could'a got two meters in the box (and if'n I could'a had more money, time & patience), I might had otter done that . . .

-----

Nils R. Bull Young -- El Gringo Errante -- La Estancia de los Guajolotes Sonrientes

<http://w8ijn.www6.50megs.com> -- W8IJN --

<http://members.fortunecity.com/nilsbull>

"In MY day we had to FIGHT to have earphones! Every DAY was a STRUGGLE!"

-- Comrade Nikolai Sergeievich

McTovarishov, 19 Oct 1917

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